AUTHOR INDEX
VOLUME 62

Abe, Shinobu, 2828
Ablashi, Dharam V., 4824
Abraham, Gordon, 2300
Acs, George, 2836
Adam, Mohammed A., 3802
Adams, Raquel H., 2629
Addison, Christine, 3903
Adler, Haskell T., 4113
Adrian, Marc, 2960
Ahlquist, Paul, 2411, 3581
Ahmad, Nafees, 3053, 3993
Ahmed, Rafi, 2102, 3301
Akagi, Tsuyoshi, 4445
Al, Bert J. M., 2026
Albert, Jan, 4414
Alexandersen, Soren, 1495, 2903, 3684
Alkhatib, Ghalib, 2718, 4059
Allen, George P., 2850
Allison, Richard F., 3581
Alonso-Caplen, Firelli V., 1606
Alstein, Barbara, 1647
Altman, Amnon, 659
Altman, Ronni, 1339
Alwine, James C., 3182
Amirhaeri, Sorour, 922
Anders, David G., 1364
Anders, E. Margot, 305, 1746
Anderson, Carl W., 1741
Anderson, David A., 4201
Anderson, Garth R., 3540
Anderson, Kevin P., 4577
Anderson, Larry J., 4232
Anderson, Robert W., 285
Anderson, Sylvia L., 1875
Andino, Raul, 2291
Aneskievich, Brian J., 4365
Ansorge, Wilhelm, 3341
Antonietti, Jean-Philippe, 552
Araullo-Cruz, T., 1832
Arella, Max, 211
Arias, Carlos F., 4331
Ariel, Naomi, 2552
Arisaka, Fumio, 882, 1186
Arita, Mineo, 2828
Arrand, John R., 3892
Arsenakis, Minas, 148, 159
Arthur, Avril K., 1999
Arthur, Larry O., 2258, 2622
Ashley, Rhoda, 4481
Asjö, Birgitta, 4414
Atkinson, Paul H., 2929
Aubertin, A. M., 1271
Auborn, K. J., 2204
Aurelian, Laure, 2520
Avalosse, Bernard L., 1679
Ayub, Jamshed, 2508, 2884
Azad, Ahmed A., 1084

Babinet, Charles, 4144
Babiss, Lee E., 4634
Babiuk, Lorne A., 4239
Bae, Yong-Soo, 637
Baglia, Laurel A., 3415
Baker, Carl C., 2537
Baker, Shulamith, 1266
Baker, Susan C., 834, 2403
Ball, Amy Oberhauser, 3947
Ball, J. K., 2985
Balow, James E., 2453
Baltimore, David, 1808, 2291, 2922, 4016
Bamford, Dennis H., 181, 1180
Banerjee, Amiya K., 641, 2651, 2658
Banerjee, Subhasis, 54
Bank, Arthur, 1120
Bankier, Alan T., 1416, 2243
Banks, Lawrence M., 1550
Bannert, Helmut, 1590
Barahona, H., 2041
Barbosa, Miguel S., 1088, 3242
Baric, Ralph S., 4280, 4288
Barkan, Alice, 944
Barr, Philip J., 1774
Barrell, Bart G., 1416, 2243
Barrett, Alan D. T., 4697
Barteling, S. J., 2782
Barton, David J., 3597
Baskin, Gary B., 4770
Bassel-Duby, Rhonda, 4594
Bastia, Deepak, 1925
Bates, Robert C., 417, 3807
Bathurst, Ian C., 1774
Baumann, Ernst A., 1258
Baumbach, William R., 3151
Baumeister, K., 4185
Bavand, Michael R., 626
Bazin, H., 1803
Beard, Peter, 552, 4296
Becerra, S. P., 2745
Béchade, Catherine, 1211, 4627
Beck, Ewald, 2033, 3789
Beckman, W., 1271
Becquart, Paul, 1679
Bedell, Mary A., 665
Bedigian, Hendrick G., 839
Beemon, Karen, 1617, 4003
Belardelli, Filippo, 600
Bell, Susanne E., 1416
Bellamy, A. Richard, 2929
Bellgrau, Donald, 1513
Bello, Leonard J., 3319
Belloncik, Serge, 211
Belshe, Robert B., 1508
Beltz, Gerald A., 722
Bender, M. A., 4337
Benjamin, Thomas L., 3896
Ben-Porat, Tamar, 12, 2251, 2712, 4622
Benson, John D., 4797
Bentvelzen, P., 4410
Benveniste, R. E., 2091, 2587
Berget, Peter B., 400
Bergmann, Ingrid E., 2041, 3789
Berman, Phillip W., 3135
Bernad, Antonio, 4167
Berns, Anton, 2191
Berns, Kenneth I., 1705
Bernstein, Harris, 3043
Bernstein, Harris D., 2922
Berry, Brian T., 3631
Bertoni, Giuseppe, 2614
Bess, Julian W., Jr., 2258, 2622
Besser, Thomas E., 2234, 2238
Best-Belpomme, Martin, 3867
Betts, Robert F., 488, 1508
Bhatti, Laveeza, 2102
Biempica, Luis, 3422
Bienkowska-Szewczyk, Krystyna, 3068
Bierfelder, Susanne, 3655
Bikel, Ilan, 2951
Billeter, Martin A., 1388
Bingham, Patricia, 4232
Birk, David E., 580
Birk, Judith M., 1464
Bishop, J. M., 1808
Bissell, Mina J., 1008
Black, Tracy, 3710
Blais, Bruce P., 3431
Blanck, George, 1520
Blanco, Luis, 4167
Bläsi, Udo, 4362
Bloch, Will, 4786
Bloemhoff, Wim, 501
Blondel, B., 1836
Blondel, Danielle, 277
Bloom, Marshall E., 132, 1495, 2903, 3684
Bober, Fern J., 580
Bockman, Jeffrey M., 1558, 3120
Bolognesi, Dani P., 4195
Bondurant, Maurice C., 2644
Bonser, Suzanne E., 2557
Boone, Lawrence R., 2644
Borchelt, David R., 1558
Bordereaux, Didier, 3973
Boros, Imre, 4499
Bos, Cees A., 501
Boschek, Bruce, 2150
Bösze, Zsuzsa, 614
Botchan, Michael, 2474
Boucher, Philip, 534
Bougueleret, L., 629
Boulukos, Kim, 376
Boundy, Anne, 4307
Bouvier, Michel, 4801
Bova, Carol A., 75
Bowtell, David D. L., 2464
Boyle, William J., 680
Bradley, Margaret K., 2951
Brady, John, 4499
Brahic, Michel, 1824
Bratt, Michael A., 354
Bréchot, Christian, 629, 4136
Bremont, M., 2183
Brewer, Lois, 4481
Briaire, Jan, 2191
Briedis, Dalius J., 2718, 4059
Britt, William J., 3309
Broker, Thomas R., 2994
Brown, Carol M., 1416, 2243
Brown, David W., 3014, 3431, 4828
Brown, Dennis T., 346, 2629
Brown, Donald J., 3824
Brown, Fred L., 1398
Brown, Joseph P., 176
Brown, Lorena E., 305, 1746
Brown, Nathaniel A., 962
Bruggmann, Hélène, 4296
Brüssow, Harald, 4265
Bucay, Nathan, 2474
Buchbinder, Aby, 4824
Buckler, Charles E., 1055
Buhk, Hans-Jörg, 1355
Bukowski, Jack F., 3642
Bull, Paulina, 3911
Bulla, Gary A., 1437
Buller, R. Mark L., 866
Burghoff, Robert, 655
Burk, Robert D., 649
Burns, John W., 2164
Burr, John G., 2665
Bush, Charlene E., 2134
Butel, Janet S., 4224
Butler, Carole V., 4691
Butler, Darel A., 1558

Butler, Larry D., 2102
Buxton, V. K., 1158
Byrn, Randal A., 3274
Byrne, Janet C., 3143

Cabirac, Gary, 2544
Cai, Weizhong, 1881, 2596, 4403
Calain, Philippe, 2859
Calender, Alain, 894, 3497
Calos, Michele P., 3738
Calothy, Georges, 1211, 4627
Campadelli-Fiume, Gabriella, 148, 159
Campbell, Katherine, 2498
Canivet, Martine, 3867
Cantin, Edouard M., 3914
Capon, Daniel J., 139
Caradonna, Sal, 4774
Carbone, M., 2755
Carbone-Wiley, Arlene, 4760
Cariani, E., 629
Carlberg, Kristen, 1617, 4003
Carmichael, Ellen P., 91
Carrington, James C., 2313
Carter, Barrie J., 68, 3356
Carter, Carol A., 4393
Carton, Jacob, 1180
Cary, Susan M., 2313
Casali, Paolo, 2453
Cash, Evelyne, 1824
Casteel, Nancy, 4280
Cattaneo, Roberto, 1388
Caughey, Byron, 2845
Celander, Daniel, 1314
Celis, Esteban, 3128
Cerny, A., 1803
Chakrabarti, Sekhar, 866
Challberg, Mark D., 435, 444
Chamorro, Mario, 1824
Champoux, James J., 3675
Chan, Hardy W., 3053, 3993
Chang, Ming-Fu, 2403
Chang, R. Shihman, 3862
Chang, Wen, 1080
Chanock, Robert M., 744, 1819, 1870, 2421, 2978, 3027, 3907, 4022, 4778
Charley, Bernard, 8
Charnay, Patrick, 614
Chattopadhyay, Dhrubajyoti, 641
Cheevers, William P., 3488
Chen, Katherine C., 417, 3807
Chen, Mei, 4431
Chen, Steve S.-L., 2552
Chen, Suzie, 1520
Chen, Xiao-zhuo, 3883
Cherington, Van, 3934
Chesebro, Bruce, 2845, 3779
Cheung, Andrew K., 4763
Cheung, Wing-Fai, 1659
Chin, Michael T., 2994
Chiodi, Francesca, 4414
Chisholm, George E., 3193
Choe, Joonho, 2474
Choo, Kong-Bung, 1659
Choo, Qui-Lim, 594
Choppin, Purnell W., 1565
Choubey, Divaker, 3175
Chow, Louise T., 2994
Chow, Marie, 1781
Chretien, Stany, 1203
Chu, Chi-ming, 4832
Chumakov, Peter, 3903
Cisco, Maria, 2544
Ciufo, Dolores M., 4307
Cizdziel, Paul E., 1907
Clabby, Martha L., 1442
Claessens, Johnny A. J., 3092
Clark, E. A., 2091
Clarke, Jennifer, 3364
Clemens, Karen E., 1448, 2736
Clements, Janice E., 2680
Clements, Mary Lou, 488
Coates, Laura, 1855
Cobb, Melanie H., 1634
Cobrinik, David, 2358, 3622
Cockley, Karen D., 188
Coen, Donald M., 2007
Coffin, John M., 168, 1808
Cohen, Gary H., 1932, 1941, 3274, 4027
Cohen, J., 2183
Cohen, Lawrence K., 1046
Cohn, Anders, 132
Cole, Michael D., 3151
Colicelli, John, 633
Coligan, J. E., 2755
Coll, Jean, 2808
Collett, Marc S., 826
Collins, Peter L., 1293, 3907
Collins, Steven J., 4346, 4349
Collis, Philip, 1963
Collisson, Ellen W., 887
Colonno, Richard J., 2300
Colston, Elizabeth M., 3151
Comendador, Miguel, 1266
Compans, Richard W., 783
Condreay, Lynn D., 346, 2629
Conley, A. J., 407
Conner, Margaret E., 1625
Coogle, Linda D., 2850
Cook, James L., 1513
Coombs, David H., 1723
Cooper, Jonathan A., 866, 4673
Cooper, Robert W., 4044
Copeland, Neal G., 479, 839
Copeland, Terry D., 795, 2587
Corapi, Wayne V., 2823
Corey, Lawrence, 4481
Cornelis, Jan J., 1679, 3438
Cory, Suzanne, 2464
Cotmore, Susan F., 851, 3438
Coulombe, Benoit, 1125
Coulon, Patrice, 1
Court, Donald L., 4376
Courtin, P., 4249
Courtney, Richard J., 2265, 3668
Coussens, Paul M., 2373
Crainic, R., 1836
Cranage, Martin P., 1416
Crane, Sharon E., 2680
Crawford, Allan M., 2773
Craxton, Molly A., 757, 3250
Cremer, Kenneth J., 1530
Cremisi, C., 4533
Crimmins, Mary A.tV., 2942
Crisanti, Patricia, 4627
Crittenden, L. B., 2437, 4809
Croen, Kenneth D., 4819
Croissant, O., 629
Cross, Anne M., 818, 1347
Crouch, Robert J., 4376
Crowell, Richard L., 1647
Crum, Christopher P., 84, 1452
Crumpacker, Clyde S., 3224, 4493
Csapo, Zoltan, 3655
Cuesta, Alejandro, 4303
Cullen, Bryan R., 673, 2498, 4801
Culp, David J., 1524
Curran, Joseph, 2200
Cuypers, H. Theo, 2026

Dabrowski, Christine, 3182
Dahlberg, John E., 120
Daigneault, Luc, 1125
Daillie, Jacques, 1862
Dales, S., 3371
Dalrymple, Michael A., 444
Dambrine, Ginette, 1211
Daniel, Muthiah D., 4123, 4691
Daoud, Georgette, 4778
Darai, Gholamreza, 1590
Darawshi, T., 3438
Darby, G., 3662
Darnell, James E., Jr., 114
Dasgupta, Asim, 3551
da Silva Cardoso, Marcia, 3050
David-Pfeuty, Thérèse, 1211
Dávila, M., 2050
Davis, A. R., 407
Davis, Nancy L., 2124
Davis, Ralph, 519
Dawe, Clyde J., 3896
DeAnda, Jaime, 3934
Deans, Robert J., 4280, 4288
Deatly, Anne M., 749
Deb, Sumitra, 2516
DeBorde, Dan, 488
Debuire, Brigitte, 2808, 3233
Decaussin, Gisèle, 1862
Decker, Stuart J., 3649
Defendi, Vittorio, 4420
de Goede, Ruud E. Y., 2026, 3156
Dehò, Gianni, 1697
Dekaban, G. A., 2985
de la Torre, J. C., 2041, 2050
DeLoia, Julie A., 649
Delpeyroux, F., 1836
DeLuca, Neal A., 732
del Val, Margarita, 1653, 3965
de Mars, Maryellen, 1907
de Mello, Paulo Augé, 2041, 3789
Denton, Amy, 3445
Dernick, Rudolf, 1845
de Rover, Tony, 2191
Derse, David, 1115, 3522
Desrosiers, Ronald C., 4123, 4691
De Stasio, P. R., 1132
DeTolla, Louis J., 1408
Devaney, Margaret A., 4407
de Villiers, Ethel-Michele, 1452
Devi-Rao, Gayathri, 1194, 4577
Dewhurst, Stephen, 4078
Deyerle, Karen L., 3378
Dezélée, Sybille, 277
Dheer, S. K., 407
Dhib-Jalbut, Suhayl, 2483
Dietzschold, Bernhard, 3128
Diez, J., 2050
Diggelmann, H., 2985
Dillon, Patrick J., 1582
DiMaio, Daniel, 3608
di Marzo Veronese, Fulvia, 795
Di Minno, Giovanni, 361
Dinter-Gottlieb, Gail, 2674, 2867, 4439
Dionne, Gervais, 3032
Diot, Christian, 4136
Dixon, K., 2755
Dobrzanski, Pawel, 3941
Dobson, Anthony T., 1194

Doelberg, Martin, 2516
Doerfler, Walter, 3941
Dolan, Aidan, 444
Dolin, Raphael, 488
Dolph, Patrick J., 2059
Domingo, Esteban, 1469, 2041, 2050
Donahue, Peter R., 722
Donehower, Lawrence A., 3958, 4224
Donis, Ruben O., 2823
Dorai, Bhuvaneswari, 3649
Dorai, Thambi, 4767
Dorn, Patricia L., 3522
Dörries, Kristina, 1730
Dorsky, David I., 3224, 4493
Dougherty, Joseph P., 2817
Dougherty, William G., 2313
Dowbenko, Donald, 4703
Dozier, Christine, 2808
Drijfhout, Jan W., 501
Drillien, Robert, 1297
Dubey, Devendra P., 4353
Dubochet, Jacques, 2960
Dubois, Doria R., 3027
Dubois, G. C., 2258
Dubovi, Edward J., 2823
DuBridge, Robert B., 3738
Dudley, Jaquelin P., 472, 4644
Dudzik, Karla I., 127
Duesberg, Peter H., 3703
Duh, Elia, 4104
Duke, Gregory M., 2636
Duncan, Lucy, 305
Dunlop, Nancy M., 2622
Duponchel, Nadine, 1679
Durda, Paul J., 4123
Duterque-Coquillaud, Martine, 3233
Dutta, Anindya, 4767
Dwyer, Kathleen G., 1535
Dyall-Smith, Michael L., 305, 3509
Dynan, William S., 3388

Earhart, Kenneth, 1753
Earl, Patricia L., 139
Eckels, Kenneth H., 3027
Eckhart, Walter, 4673
Edbauer, Cheryl, 3265
Edwards, Judy, 2629
Ehrenfeld, Ellie, 3068, 4216, 4407
Eichberg, J. W., 3064
Eisenberg, Roselyn J., 1932, 1941, 3274, 4027
ElAwady, Moustafa K., 649
Elliott, John Francis, 1373
Ellis, Leland, 1634
Emanoil-Ravier, Rodica, 3867
Embretson, Janet E., 1219
Emerson, Suzanne U., 1795
End, Regula, 2386
Engler, Jeffrey A., 496
Ennis, Francis A., 3928
Enquist, L. W., 2512, 3565, 4185
Eritja, Ramon, 3914
Ernst, Darwin, 2845
Ertl, P., 3662
Esnault, Evelyne, 1211
Espejo, Romilio T., 4331
Esposito, Joseph J., 4697
Essex, M., 3064
Esteban, Rosa, 1278
Estes, Mary K., 1625, 2164
Estin, Charles D., 176
Eun, Hyone-Myong, 637
Evans, David H., 367
Evermann, James F., 2238
Eychène, Alain, 4627

Faaberg, Kay S., 586
Fabisch, P., 2745
Fabritius, C., 4644
Fäh, Jürg, 2386
Falgout, Barry, 622
Falkner, Falko G., 1849
Faller, Douglas V., 2942, 4353
Falzon, Miriam, 4070
Fan, Hung, 2427
Fanning, Ellen, 1598, 1999
Farabegoli, F., 159
Farza, Hend, 4144
Feijlbrief, Matty, 501
Feitelson, Mark A., 1408
Feldman, Lawrence T., 1194
Felsenstein, Kevin M., 2179
Felser, James M., 2076
Fennie, Christopher, 4703
Fenyö, Eva Maria, 4414
Ferrantini, Maria, 600
Ffrench, Rosemary A., 305
Fichelson, Serge, 3973
Field, A. Kirk, 4493
Fields, Bernard N., 246, 545, 4594
Figge, James, 1814
Filman, David J., 1781
Finer, Mitchell H., 3795
Fingeroth, Joyce D., 1442
Firzlaff, Juliane M., 2115
Fischer, M., 1736
Fischinger, Peter J., 2258, 2622
Fish, Richard E., 4770
Fisher, Paul B., 4634,
Fitzpatrick, David R., 4239
Flamand, Anne, 1
Flamant, Frédéric, 1827
Flanagan, W. Michael, 1194, 4577
Flanegan, James B., 558
Fleckenstein, Bernhard, 3530
Flehmig, Bertram, 3756
Fleissner, E., 1808
Fleming, John O., 1810, 4280
Flenniken, Ann M., 3077
Fletcher, R. F., 2985
Flomenberg, Phyllis R., 4431
Flores, Jorge, 1819, 4778
Flourens, Anne, 3233
Flügel, Rolf M., 1590
Fluit, Ad C., 847
Flynn, Mary Ellen, 4486
Fourel, Isabelle, 4136
Fowler, Gordon, 2265
Frame, Margaret C., 818, 1347
Francis, S. J., 1251
Frank, Michael M., 4027
Franklin, Gary C., 1203
Fraser, Nigel W., 749, 1479, 3281, 3493
Freedman, Douglas M., 3301
French, Roy, 2411
Frenkel, Niza, 912
Freund, Robert, 3896
Friedman, Daniel, 84
Friedman, Harvey M., 4027
Fries, Louis F., 4027
Frost, Eric, 4044
Frucht, Stephen, 1180
Fu, Jianlin, 3527
Fu, Xi-xian, 3422
Fujii, Yoichi, 2490
Fujimura, Frank K., 2890, 2896
Fujinami, Robert S., 100, 3589
Fujiwara, Kosaku, 3506
Fukasawa, Masashi, 4044
Fukuhara, Norio, 2209
Furlong, Deirdre B., 246
Furuichi, Yasuhiro, 211
Furukawa, Kazuhiro, 970
Furuno, Akemi, 610
Fusco, Alfredo, 361

Gabriel, Peter, 3756
Gaillard, Claire, 2380
Galabru, Julien, 3077
Gale, M. J., 2091
Galindo, Jose, 3558
Gallagher, Thomas M., 3399
Galle, P. R., 1736
Gallo, Michael L., 2874
Gallo, Robert C., 795, 4824
Galloway, Denise A., 1071, 2115
Garcette, Marylene, 3867
Garcia, Arnold, 4398
Garcia, Charles R., 962
Garcia, Joseph A., 218, 1339
Garcia-Carranca, Alejandro, 4321
Gardiner, Edith M., 1713, 2605
Gardner, Murray B., 1768, 2134
Garreau, F., 629
Gawler, Jacinta M., 305
Gay, Clive C., 2234, 2238
Gaynor, Richard B., 218, 1339
Gazit, Arnona, 120
Gearhart, John D., 649, 4372
Geballe, Adam P., 3334
Gebauer, F., 2041, 2050
Gebhard, John R., 687
Geerligs, Harm J., 501
Gehrz, Richard C., 875, 1066, 1956
Geiduschek, E. Peter, 3455
Gelinas, Richard E., 4337
Gendelman, Howard E., 2578, 4104
Gentry, Larry E., 1080
Gentry, Steven E., 1524
Gerin, John, 1855
Gerin, John L., 594
Gerwin, Brenda I., 4376
Ghazal, Peter, 1076
Ghiasi, Homayon, 4051
Ghisotti, Daniela, 1697
Ghosh, Ananta K., 3631
Ghysdaël, Jacques, 4627
Giachetti, Cristina, 3614
Giavedoni, Luis, 1469
Gibson, Wade, 1364
Gielkens, Arno, 2191
Gilardi, P., 4533
Gilden, Donald, 2544
Gilden, Raymond V., 606
Gill, Dalip S., 4805
Gillam, Shirley, 4259
Gillard, Sylvie, 1297
Gilmore, Thomas D., 703
Gimble, Jeffrey M., 4104
Giraudo, Ana T., 3789
Giri, Isabelle, 1573
Gisselbrecht, Sylvie, 3973
Gius, David, 665
Glaze, Brenda J., 783
Glickman, Jonathan N., 902
Glickman, Rhona L., 354

Gliniak, Brian, 4129
Glorioso, Joseph C., 1881, 3274, 4403
Glover, Paul L., 2644
Gnann, John W., Jr., 2531
Goff, Stephen P., 633, 978, 1120, 1808, 2179
Gold, Marvin, 387
Goldberg, Janet, 1855
Golde, David W., 680
Goldstein, David J., 196, 2970
Gomes, I., 2041
Gomes, Ivo, 3789
Gompels, Ursula A., 757, 3250
Gonda, Thomas J., 2464
Gong, Michael, 1101
González, Bernardo, 3911
Good, Peter J., 563, 944
Goodall, Jonathan, 3527
Goodwin, G. H., 2186
Gordon, Y. J., 1832
Gorham, John, 2502
Gorziglia, Mario, 1819, 1870, 2421, 2978, 4022, 4778
Gotoh, Bin, 4427
Gottlieb, Paul, 181, 1180
Gouilloud, Evelyne, 3328
Gourdou, Isabelle, 4813
Govindarajan, Sugantha, 594, 2403
Graham, David Y., 1625
Graham, Kenneth, 2845
Granados, Robert R., 1535
Grandgenett, Duane P., 2067, 2307
Granoff, Allan, 4680
Green, Kim Y., 1819, 1870, 2421, 2978, 4022, 4778
Greenberg, Harry B., 1136, 1543, 2164, 2929, 3509, 4358
Greenhouse, J. J., 4809
Greenspan, Deborah, 3020
Gregory, C. D., 894
Gregory, Chris, 4173
Gregory, Timothy, 4703
Grell, Matthias, 2150
Gretch, David R., 875, 1956
Grieco, Michele, 361
Griffin, Diane E., 2329
Gripon, Philippe, 4136
Grob, Michael S., 2386
Grose, Charles, 2701
Grossi, G. F., 2985
Grossman, Steven, 665
Groudine, M., 2728
Grubman, Marvin J., 4216, 4407
Gruters, Rob A., 2026
Grzelecki, Alan, 3855
Grzeschik, K. H., 629
Gu, Baohua, 2596
Guarino, Linda A., 463
Guenet, Jean-Louis, 3973
Guetta, E., 3438
Guguen-Guillouzo, Christiane, 4136
Guild, Braydon C., 3795
Guillon, Jean-Claude, 3484
Gupta, Kailash C., 1582
Gurney, Elizabeth G., 1028

Haarr, L., 818
Hadchouel, Michelle, 629, 4144
Haddada, H., 2755
Haffar, Omar K., 3135
Haffey, Mary L., 4493
Haggarty, Beth S., 2557
Hahn, Beatrice H., 3501
Hahn, Chang S., 2329
Hakura, Akira, 106
Halbert, Christine L., 1071
Halden, Nancy F., 1055
Hales, Karen H., 1464
Hall, Caroline B., 1508
Haller, Otto, 2386, 4372
Hammerschmidt, Wolfgang, 1355
Han, Shou-Hwa, 1659
Hanafusa, Hidesaburo, 4767
Hanecak, Ronnie, 2427
Hanson, Isabel M., 1203
Harada, Hiroshi, 4824
Hardwick, J. Marie, 2274
Hardy, W. Reef, 998
Harlow, Ed, 257
Harn, N. K., 4465
Harnish, Delsworth, 4037
Harrich, David, 1339
Harris, Edith A. S., 4337
Harris, Kevin S., 4586
Harris, Reed, 4703
Hart, Gerald W., 1974
Hart, Helena, 1416
Harty, John T., 3210
Haseltine, William A., 655, 1314, 2498
Hassell, John A., 1667
Hatanaka, Masakazu, 3718, 4474
Hatch, William C., 2622
Hattori, Toshio, 2107
Hauber, Joachim, 673, 2498, 4801
Hay, Alan J., 1508
Hay, John, 696, 802
Hayami, Masanori, 2505, 3506, 4044, 4123, 4474, 4782
Hayashi, Kyoko, 20
Hayashi, Masanobu, 4824
Hayes, Edward P., 3027
Hayward, Gary S., 1167, 4307
Hayward, S. Diane, 2274
Hayward, William S., 1423
Hearing, Patrick, 3003
Heimer, Edgar P., 1433
Heineman, Thomas, 1101
Heinzel, Scott S., 3738
Hellermann, Gary R., 1875
Hellström, Ingegerd, 1080
Hemström, Catharina, 3258
Henderson, L. E., 2587
Hendricks, David A., 2228
Hengartner, H., 1803
Henner, Dennis J., 3193
Hennig, Dagmar, 2150
Henninghausen, Lothar, 1076
Henrard, Denis, 3046
Henry, Catherine, 2808, 3233
Henry, Lynda, 614
Herbst, Roy S., 4634
Hermo, Henry, Jr., 4634
Hermonat, Paul L., 1963
Herr, Winship, 3364
Herrington, Dierdre, 488
Hicks, Geoffrey, 4752
Hiebert, Scott W., 2347
Hierholzer, John C., 4232
Highlander, Steven L., 1881
Hilgers, Jo, 3506
Hill, James M., 4577
Hill, R. W., 2091
Hintz, Ray, 3422
Hinuma, Yorio, 644, 4474
Hirochika, Hirohiko, 2994
Hirochika, Rei, 2994
Hirsch, Vanessa M., 722
Hirt, Bernhard, 552
Hobman, Tom C., 4259
Hodges, Robert S., 3474
Hoeveler, Arnd, 3941
Hoggan, M. David, 1055
Hogle, James M., 1781
Hogue, Brenda G., 3824
Hohn, T., 1460
Holland, John J., 3614
Holland, Thomas C., 1753
Holmes, Andrew M., 1038
Holmes, Ian H., 3509
Homma, Morio, 2490, 3040
Hondo, Ryo, 1097, 2916
Honess, Robert W., 757, 3250
Honnen, William J., 1016
Hood, Leroy E., 3501
Hoogerhout, Peter, 501
Hoover, Edward A., 722
Horton, Robert, 2067
Horvath, Joseph, 341
Horwitz, Bruce H., 3608
Horwitz, Marshall S., 496, 4431
Hoshino, Hiroo, 2107, 3900
Hoshino, Munemitsu, 1235
Hoshino, Yasutaka, 744, 1543, 1819, 1870, 2421, 4022, 4778
Höss, Adolf, 1999
Houghten, Richard A., 454
Houghton, Michael, 594
Housman, David E., 3795
Hovanessian, Ara G., 3077, 3710
Hovi, Tapani, 3536
Howe, J. Gregory, 902, 2790
Howley, Peter M., 3143, 4009
Hoxie, James A., 2557
Hruby, Dennis E., 297
Hsiao, Karen K., 1558
Hsu, Benjamin L., 1314
Hsu, C.-L. L., 4644
Hsu, Kuo-Hom Lee, 1647
Hsu, Ming-Ta, 1227
Hu, Shiu-Lok, 176, 3695
Hu, Stella C., 4376
Huang, Alice S., 2552
Huang, Cinnia, 3855
Huang, Eng Shang, 4797
Huang, Henry V., 2124
Huang, Mike, 2394
Hubbard, G. B., 3064
Hubenthal-Voss, Jeff, 454
Hübler, R., 1460
Hudson, Peter J., 1084
Huff, Vicki, 4403
Huggans, Eric, 132
Hughes, Steve H., 1840, 4809
Huisman, Han G., 2026
Humphreys, Robert E., 2614
Hung, P. P., 407
Hunt, Lawrence A., 3014
Hunter, Tony, 2016, 3849
Huso, David L., 1974
Hutt-Fletcher, Lindsey M., 1108, 2366

Ibanez, Carlos E., 1981, 4398
Ichijo, Motohiko, 644
Iftner, Thomas, 3655
Ikuta, Kazuyoshi, 40
Imazeki, Fumio, 861
Imperiale, Michael J., 1464

Inagaki, Yutaka, 1640
Inchauspe, Genevieve, 802, 2076
Inghirami, Giorgio, 2453
Innes, Cynthia L., 2644
Inoue, Hirokazu, 106
Iorio, Ronald M., 354
Isahakia, Mohamed, 4782
Ishii, Shin-ichi, 882, 1186
Ishikawa, Koh-Ichi, 4044, 4782
Ishimaru, Hiroshi, 4569
Ishimoto, Lance, 882
Isola, Vicki J., 3274
Ito, Yoshiaki, 313, 970
Izumi, Kenneth M., 1381

Jackson, Alan C., 2329
Jackson, David C., 305, 1746, 4745
Jackwood, Deborah H., 2874
Jagadish, Mittur N., 1084
Jalinot, P., 1762
Jameson, Bradford A., 3501
Janda, Michael, 3581
Jang, Sung K., 2636
Jarocki-Witek, V., 407
Javaherian, Kashi, 2107
Javier, Ronald T., 1381, 3037
Jeang, Kuan-Teh, 3874, 4499
Jenison, Steven A., 2115
Jenkins, John R., 3903
Jenkins, Nancy A., 479, 839
Jennings, Gerald B., 696
Jerzy, Rita, 357
Johnson, B., 1832
Johnson, Barbara J. B., 4697
Johnson, David C., 1347, 1486, 4605
Johnson, Eugene M., Jr., 393
Johnson, Gregory R., 2464
Johnston, Robert E., 2124
Jolicoeur, Paul, 3840, 3985
Jones, Elaine V., 266
Jones, Frank, 2701
Jones, John H., 3862
Jones, Kathryn S., 511
Jones, N. C., 1948
Jones, Ronald, 2978
Jonjić, Stipan, 1061, 1653, 3965
Jorgensen, Eva C., 3217
Jorgensen, Poul, 479, 3217
Josephs, Steven F., 4824
Joshi, Bansi, 4760
Just, Walter, 3050

Kaaden, Oskar-Ruger, 132
Kabat, David, 4129
Kabcenell, Alisa Kastan, 2929
Kajigaya, Sachiko, 2884
Kakach, Laura Torborg, 826
Kalderon, Daniel, 285
Kaleko, Michael, 4337
Kaleta, Erhard F., 3832
Kaljot, Kaarel T., 1136
Kalkkinen, Nisse, 1180
Kamahora, Toshio, 2403
Kanda, Tadahito, 610
Kaneko, Shuichi, 3979
Kanki, Phyllis J., 2557
Kano-Sueoka, Tamiko, 3201
Kanter, Madge R., 1423
Kapasi, K., 3603
Kapikian, Albert Z., 744, 1819, 1870, 2421, 2978, 4022, 4778
Kaplan, Albert S., 2712
Kaplan, Bruce E., 3914
Kaplan, David R., 3407, 3934
Kaplan, Gerald, 4486
Kaplan, Gerardo, 1469, 1687, 2219
Kappes, John C., 3501
Kari, Bruce, 875, 1066, 1956
Kasai, Tokuzo, 1022
Kasher, Mary S., 3295
Kassavetis, George, 882
Katz, Richard A., 528, 2686, 2696
Katze, Michael G., 1606, 3710
Katzman, M., 2358
Kaufmann, Gabriel, 2867
Kaur, Pritinder, 1917
Kawakami, Toshiaki, 120
Keck, James G., 1810, 1989, 2403, 4280
Kedinger, C., 1762
Keeler, C. L., Jr., 3565
Keil, Günther M., 1653
Keith, Duane E., 680
Kellenberger, Edward, 2960
Keller, Beat, 2960
Kelley, Clair M., 4113
Kelliher, John C., 2622
Kemp, Maurice C., 887
Kenny, Mark K., 1286
Kent, Stephen B. H., 3501
Kerling, Karel E. T., 501
Kestler, Harry W., III, 4123, 4691
Ketner, Gary, 622
Khan, Arifa S., 376, 3545, 4381
Khoury, George, 4499
Kida, Hiroshi, 4427
Kidokoro, Minoru, 3718, 4474
Kieff, Elliott, 1101, 1330, 2173, 2337, 3747, 4173, 4452
Kikuchi, Shoshi, 4561, 4569
Kinchington, Paul R., 802, 2076
King, Connie S., 4673
King, David M., 3201
King, Norval W., 4123
Kingsbury, David T., 1558, 3120
Kingsbury, David W., 4805
Kinner, J. H., 4465
Kinney, Richard M., 4697
Kinney-Thomas, Elaine, 3695
Kinoshita, Hisashi, 1097
Kirn, André, 1297
Kishi, Masahiko, 4824
Kitamura, Ryuji, 4474
Kitaoka, Setsuko, 2209
Kizaka, Shinae, 106
Kjeldgaard, Niels O., 3217
Klaman, Lori, 3527
Klausing, Kay, 1258
Klein, Rüdiger, 3341
Klotz, Günther, 3050
Knipe, David M., 3814
Knippers, Rolf, 1258
Knott, W. B., 2091
Knowlton, Douglas R., 1543, 4358
Kobayashi, Midori, 861
Kochan, Jarema P., 349
Koczot, F., 2745
Kodama, Toshiaki, 4044, 4782
Koff, Andrew, 4096
Kohara, Michinori, 2828
Kohtz, D. Stave, 659
Kohtz, Jhumku D., 659
Koike, Katsuro, 861, 3513
Koito, Atsushi, 2107
Koka, Prasad, 4353
Kolakofsky, Daniel, 27, 2200
Kolhekar, Suhas R., 3301
Komatsu, Toshihiko, 2828
König, Herbert, 1243
Koning, Ann, 534
Konno, Tasuke, 2209
Kontny, Udo, 3928
Koprowski, Hilary, 3128
Koscielniak, Ewa, 3756
Kosovsky, Marshall J., 91
Koszinowski, Ulrich H., 1061, 1653, 3341, 3965
Kotler, Moshe, 2686, 2696
Kozak, Christine A., 1055, 3985
Krah, David L., 1565
Kraiss, Stefan, 4737
Krause, Philip R., 4819
Kräusslich, Hans-Georg, 2636, 4393
Krieg, Arthur M., 3545
Kristie, Thomas M., 1145
Krug, Robert M., 1606, 2285, 3710
Kruper, John A., 912
Kruppa, Gracia, 619
Kruppa, Joachim, 1323
Krysan, Patrick J., 3738
Krystal, Mark, 3020, 3348
Kubota, Koichi, 1022
Kuff, Edward L., 4070
Kuhl, Georges, 1266
Kuhn, Richard J., 4207
Kuller, L., 2091
Kumar, Ajit, 3874
Kumar, D. Vinod, 3631
Kumar, Rakesh, 641, 3175
Kumazaki, Takashi, 882
Kung, H.-J., 2437, 2444
Kung, Hsing-Jien, 1840
Kuo, Mark Y.-P., 1855, 2674, 4439
Kuo, Wen-Liang, 2394
Kurane, Ichiro, 3928
Kurokawa, Masahiko, 20
Kwang, Hwei-Sing, 1774, 2134
Kwong, Ann D., 912
Kyuwa, Shigeru, 2505, 3506

Labieniec-Pintel, Laura, 2736
Labow, Mark A., 1705
Lackner, Andrew A., 2134
Lacroix, Martial, 3032
LaFay, Florence, 1
LaFemina, Robert L., 1167
Lai, Ching-Juh, 3027
Lai, Michael M. C., 1810, 1989, 2403, 3870
Laigret, Frederic, 376
Laimins, Laimonis A., 665
Lamb, Robert A., 2347, 2762
Lambert, Paul F., 4009
Lamberti, Carmela, 3265
Landini, M. P., 2243
Langenberg, Andria, 2115
Langlois, Alphonse J., 2531, 4195
Larder, B. A., 3662
Larson, Richard, 4173
Lasky, Laurence A., 139, 4703
Lasneret, Jacqueline, 3867
Latchney, Lisa R., 1524
La Torre, José L., 3789
Laub, Orgad, 626
Laude, Hubert, 8
Laugier, Danielle, 4627
Lavallée, Claude, 211
Lavenu, A., 4533
Laver, W. G., 4653

Lavi, Ehud, 749, 3493
Lawman, Michael J. P., 4239
Lawrence, William C., 3319
Lazdins, Ieva, 3509
Lazo, Pedro A., 788
Le, Jun-yi, 4420
Leary, Kathryn, 4510
Lechner, David, 2903
Ledbetter, David H., 4224
Ledbetter, Jeffrey A., 3695
Lederman, Muriel, 417, 3807
Lee, Chao-Hung, 427
Lee, Hsien-Hsiung, 1659
Lee, L. F., 4270
Lee, Shei-Wen, 3501
Lee, Young, 3422
Leendersten, Louise, 2502
Le Grice, Stuart F. J., 1433, 2525
Leider, Jason M., 3084, 4686
Leis, Jonathan, 1808, 2358, 3622
Lengyel, Peter, 3175
Lenoir, G. M., 894
Leprince, Dominique, 3233
Lerch, Richard J., 1753
Lerdthusnee, K., 2083
Leung, Kiu, 3415
Leupers, C. J. M., 3156
Levely, M. E., 4465
Levin, Joshua Z., 1932
Levin, Judith G., 4376
Levine, A. S., 2755
Levine, Myron, 1881, 4403
Levine, Richard U., 1452
Levinson, Arthur D., 1305
Levitan, Alla, 1634
Levy, David, 114
Levy, Laura S., 4770
Lewicki, Hanna, 687
Lewis, A. M., Jr., 2755
Leza, M. Aleida, 3003
Li, Chou-Chi H., 606
Li, Descartes, 1520
Li, Jing-Po, 4016
Li, Ruo-ping, 3233
Li, Yan, 776, 3729
Li, Yen, 4123, 4691
Liang, Li-fang, 1795
Lieberman, Paul M., 2274
Liebowitz, David, 2337, 4173
Liew, Lip-Nyin, 1659
Ligas, Michael W., 1347, 1486, 4605
Lillehoj, Erik P., 3053, 3993
Lilly, Frank, 511
Lim, Jonathan G., 1080
Lind, Birgitta, 4414
Linder, Maurine E., 2665
Linial, M., 2728
Linsley, Peter S., 3695
Linz, Ute, 2537
Lipsick, Joseph S., 1093, 1981, 4398
Littler, Edward, 3892
Liu, Chun-Ren, 962
Liu, Gen-Qi, 4832
Liu, Yung-Nan C., 1066
Livingston, David M., 2951
Lloyd, Richard E., 4216, 4407
Locardi, Chiara, 600
Locarnini, Stephen A., 4201
Loeber, Gerhard, 1730
Loh, Tatjana P., 4086
Lomniczi, Bela, 12
Lonberg-Holm, Karl, 1647
London, William T., 1293
Long, Deborah, 1932, 1941
López, Imelda V., 4331
López, Susana, 4331
Lopez-Ferber, Miguel, 1266
Loreal, Olivier, 4136
Lorenz, Andreas, 3050
Lorenz, L. H., 2083
Louie, Ronald R., 4673
Louis, Claude, 1266
Lowenstine, Linda J., 2134
Lu, Li, 3059
Lubitz, Werner, 4362
Lubon, Henryk, 1076
Ludwig, Hanns, 1355
Luftig, Ronald B., 40
Lung, Maria Li, 3862
Lunn, Ruth M., 1875
Luo, Lizhong, 776, 3729
Lustig, Shlomo, 2329
Luytjes, Willem, 4686
Lyles, Douglas S., 4387
Lynn, Steven P., 545

Ma, Xiaoyue, 4078
Maassab, Hunein F., 488
MacAuley, Alasdair, 4673, 4712
Mach, M., 2243
Mack, David H., 4786
Mack, Dietrich, 1323
MacKenzie, Malcolm R., 1768
MacKey, John J., 4123
Mackow, Erich R., 3509
Maeder, Marlies, 2960
Mahalingam, Ravi, 2544
Maier, Katharina, 3756
Maihle, N. J., 2437, 2444
Maio, Joseph J., 1398
Major, Eugene O., 922
Makino, Shinji, 1810, 1989, 2403, 3870
Malim, Michael H., 4801
Maloy, W. L., 1870, 2421
Manly, Kenneth F., 3540
Manuelidis, Elias E., 3103
Manuelidis, Laura, 3103
Maratos-Flier, Eleftheria, 545
Marchetti, Michael E., 715
Marin, Matthew G., 1524
Markowitz, Dina, 1120
Markowitz, R. B., 2204
Markowitz, Rhea-Beth, 3388
Marsden, Howard S., 818, 2874
Marth, Jamey D., 4673
Martin, Malcolm A., 139
Martin, Robert G., 3879
Martin, Stephen, 2265
Martínez-Salas, E., 2050
Maruyama, Tadashi, 4474
Marx, Maria, 4627
Marx, Preston A., 1768, 1774, 2134
Masker, Warren E., 4369
Mason, William, 1855
Massie, Bernard, 4059
Masters, Paul S., 2651, 2658
Masuda, Takao, 4782
Mateu, M. G., 2041
Mathews, Christopher, 519
Mathews, James H., 4697
Matloubian, Mehrdad, 3301
Matsuda, Keizaburoh, 3517
Matsushima, Glenn K., 1810
Matsushita, Shuzo, 2107
Mattéi, Marie-Geneviève, 3973
Matthews, Thomas J., 4195
Maul, Donald H., 1768
Maurer, Bernd, 1590
Max, Edward E., 4104
May, Felicity E. B., 1203
Mazarin, Veronique, 4813
McCarty, Thomas C., 3027
McCrae, M. A., 2183
McCreary, Patrick, 3043
McCreedy, Bruce J., Jr., 4387
McDanal, Charlene B., 4195
McDougal, J. Steven, 4195
McDougall, James K., 1917
McFadden, Grant, 367
McFarland, Henry F., 2483
McFarlin, Dale E., 2483
McGeoch, Duncan J., 435, 444, 818
McGowan, John J., 1286
McGuire, Travis C., 2234, 2238, 3073, 3488
McIntosh, Kenneth, 2228
McKelvin, Dorothy, 4376
McLaughlin, Susan K., 1963
McNab, David, 444
Medveczky, Maria M., 2614
Medveczky, Peter G., 2614
Mehendale, Sameer, 4538
Meier, Ellen, 2386
Melief, C. J. M., 3156
Meltzer, Monte S., 2578
Menck, C. F. M., 4249
Mentzer, Steven J., 2942
Mercer, John A., 987
Mercier, Gilles, 3867
Méric, Claude, 3328
Mertz, Janet E., 563, 944, 954
Mervis, Robert J., 3053, 3993
Messerle, Martin, 3965
Mettenleiter, Thomas C., 12, 2251, 2712, 4522
Meyer, Annette L., 2196
Meyer, H., 2243
Mezzina, M., 4249
Middlemas, David S., 2016
Midthun, Karen, 1819
Miedema, Frank, 2026
Mikkelsen, Torben, 479
Miller, A. Dusty, 3802, 4337
Miller, Cynthia K., 1219
Miller, Jacqueline S., 2143
Miller, Lois K., 2773, 3109
Miller, Nancimae, 2366
Miller, Roger H., 3979
Miller, Timothy J., 266
Miltenburg, Lia A. M., 847
Mindich, Leonard, 181, 1180
Miner, Jeffrey N., 297
Mingioli, Elizabeth S., 2483
Minson, Anthony C., 3274
Minson, Tony C., 1416
Mitchell, M. A., 4465
Mitsuyasu, Ronald, 218
Miura, Tomoyuki, 4044
Miyazawa, Takayuki, 4474
Mizobuchi, Kiyoshi, 4554, 4561, 4569
Mocarski, Edward S., 3334
Mochizuki, Yasushi, 3040
Molnar-Kimber, K. L., 407
Monroe, James E., 3497
Montenarh, Mathias, 4737
Moore, Peter F., 2134
Moran, Patricia A., 4481
Morantes, Ana, 4778
Morfeldt-Manson, Linda, 4414

Morgan, William C., 3407, 3934
Morita, Michio, 4474
Morita, Y., 1870
Morris-Vasios, Claire, 349
Morrow, Casey D., 3501
Morton, W. R., 2091
Moscovici, Carlo, 1840, 2437, 2444
Moskaluk, Christopher A., 1925,
Moss, Bernard, 139, 866, 1530, 1849
Mosser, Anne G., 1781
Mounts, Phoebe, 4722
Mous, Jan, 1433, 2525
Mowat, Michael, 4752
Mowrey-McKee, Mary Flowers, 234
Moyer, Sue A., 834
Mucenski, Michael L., 839
Mueller, Christopher R., 1667
Muggeridge, Martin I., 3274
Mulder, Carel, 3497
Muller, William J., 1667
Mulligan, Richard C., 3795
Mullins, James I., 722, 4523
Mumm, Steve, 2067
Munn, Robert J., 2134
Murakami, Akira, 1235
Murakawa, George J., 3914
Murdoch, Geoffrey, 3103
Murphy, Brian R., 488, 1293, 3907
Murphy, Cheryl I., 2951
Murphy, Edwin C., Jr., 1907
Murphy, Mary, 818, 2874
Murray, Julie M., 1746
Murray, R. J., 894, 3747
Murti, K. G., 4653
Mutter, Wolfgang, 1061
Muzyczka, Nicholas, 1963

Naeve, Clayton W., 3014
Nagai, Yoshiyuki, 4427
Nagasu, Takeshi, 4554, 4561
Nagumo, Toshiyuki, 3900
Naidu, Yathirajulu M., 4123, 4691
Nakai, Masuyo, Nakai, 4044
Nakako, Tatsushi, 1186
Nakamura, Gerald, 4703
Nakamura, Kiyoto, 2490
Nakamura, Masataka, 644
Nakamura, Minoru, 2453
Nakanaga, Kazue, 2505
Nakanishi, Shigetada, 1640
Nakshatri, Harikrishna, 4613
Nam, Seok Hyun, 3718
Namba, Masayoshi, 1679
Nara, Peter L., 2622
Narayan, Opendra, 1974, 2680
Nath, Nrapendra, 4786
Nawa, Hiroyuki, 1640
Nayak, Debi P., 3824
Nelson, Gary W., 4280, 4288
Nelson, Jay A., 100, 2531
Nelson, Nancy J., 435
Nemhauser, Iris, 1180
Nesburn, Anthony B., 4051
Nethanel, Tamar, 2867
Nexo, Bjorn, 479
Nguyen, Quoc V., 2614
Nibert, Max L., 246
Nichol, Stuart T., 572
Nicholas, J. A., 4465
Nicholas, John, 3250
Nicklin, Martin J. H., 2636, 4586
Niemann, Heiner, 2150
Niles, Edward G., 3772
Nishikawa, Kazuo, 1819, 1870, 2421, 2978, 4022
Niver, Laura A., 2644
Niwayama, Seihachiro, 20
Noda, Tetsuo, 313
Nomoto, Akio, 2828
Nonoyama, Meihan, 3764, 4824
Nordqvist, Katarina, 3258
Norton, Linda K., 3488
Notkins, Abner Louis, 1530, 2453
Nunes, Wylla M., 3135
Nuovo, Gerard J., 84, 1452
Nyunoya, Hiroshi, 4445

Oba, Douglas E., 1108
O'Banion, M. Kerry, 226
Obata, Masanori M., 4381
O'Boyle, Donald R., II, 749, 3493
Obringer, John, 3043
Ochiai, Hiroshi, 20
Ochs, H. D., 2091
Offit, Paul A., 127
O'Hara, Bruce F., 4372
Ohara, Yoshiro, 3527
O'Hare, Peter, 1167, 4307
Ohori, Hitoshi, 3517
Ohta, Masataka, 4445
Ohta, Yoshihiro, 4044, 4123, 4782
Ohtani, Kiyoshi, 644
Okamoto, Takashi, 4445
Okuda, Kunio, 861
Olausson, Eva, 4414
Oldstone, Michael B. A., 100, 687, 2531
Oleszak, Emilia L., 3103
Olmsted, Robert A., 3907
Olsen, John C., 75
Omata, Masao, 861
Onclercq, R., 4533
Ooka, Tadamasa, 1862
O'Reilly, David R., 3109
Oren, Moshe, 4737
Orenstein, Jan Marc, 2578
Oroszlan, Stephen, 795, 1808, 2587, 3167
O'Rourke, Katherine I., 3073, 3488
Orr, A., 818
Orvell, Claes, 2200
Osborn, Kent G., 2134
Ostrove, Jeffrey M., 2076, 4104, 4819
Ou, Dawei, 3128
Overbaugh, Julie, 722
Ozawa, Keiya, 2508, 2884

Paeratakul, U., 1132
Paetkau, Verner, 1373
Pagano, Joseph S., 3288
Page, Guy S., 1781
Pal, Ranajit, 2569
Palese, Peter, 3020, 3084, 3348, 4686
Palladino, Francesca, 2059
Pallai, Peter V., 4586
Pallas, David C., 3407, 3934
Palma, Eduardo L., 1469
Palmenberg, Ann C., 2636
Pan, Chao-Chih, 1659
Panganiban, Antonito T., 3574
Panicali, Dennis L., 1046
Paquette, Yves, 3840
Parker, J. M. Robert, 3474
Parker, Michael D., 4239
Parks, Christopher L., 54
Parris, Deborah S., 818, 2874
Pasquinelli, C., 629
Passarelli, A. Lorena, 4353
Pater, Alan, 4613
Pater, Mary M., 4613
Pattengale, Paul K., 2427
Patterson, Jean L., 2228
Paucha, Eva, 1814
Pauza, C. David, 3558
Pavan, William J., 4372
Pawson, Tony, 4712
Pedersen, Finn S., 3217
Pedersen, Niels C., 1774
Peeples, Mark E., 586
Peillon, N., 1836
Pelletier, Jerry, 2219, 4486
Pelley, Robert J., 1840
Peluso, Richard W., 2799
Pensiero, Michael N., 696
Penswick, J., 1460
Pepperkok, Rainer, 3341
Peptropoulos, C. J., 4809
Pereira, Lenore, 454
Perez-Schael, Irene, 4778
Peries, Jorge, 3867
Perlmutter, Roger M., 4673
Peronnet, Frederique, 3867
Perry, Lise J., 444
Perryman, Lance E., 3073
Perryman, Sylvia, 2903, 3684
Person, Stanley, 1881, 2596
Pessac, Bernard, 4627
Peterson, David O., 2394
Petitjean, Anne-Marie, 277
Petrovskis, Erik A., 2196
Pettersson, Ulf, 3258
Petti, Lisa, 1330, 2173
Pettit, Steven C., 496
Pfaff, E., 2033
Pfaff, Samuel L., 3703
Pfister, Herbert, 3655
Pfizenmaier, Klaus, 619
Phares, William, 4791
Philipson, Lennart, 3341
Phillips, Benette, 768
Phipps, Terri, 2578
Piccone, Marie E., 1469
Pierce, James C., 4369
Pine, Richard, 114
Pintel, David J., 1448, 2736
Pinter, Abraham, 1016
Pinto, Antonio, 361
Piwnica-Worms, Helen, 2951
Pizer, Lewis I., 4661
Pizzorno, Marie C., 1167, 4307
Plagemann, Peter G. W., 3210
Plishker, Mary F., 400
Plowman, Gregory D., 176
Plus, Nadine, 1266
Pohajdak, Bill, 1373
Poirier, Yves, 3985
Pollack, Robert, 1520
Polli, Nicoletta, 361
Polo, John M., 2124
Pomert, Eric, 1520
Ponce de Leon, Manuel, 4027
Popken-Boer, Tineke, 501
Portella, Giuseppe, 361
Portner, A., 4653, 4805
Poruchynsky, Marianne S., 2929
Post, Klara, 4376
Post, Leonard E., 2196
Pourcel, Christine, 4144

Powell, Kenneth L., 1550, 3662
Power, Michael D., 1774
Prakash, S. S., 3608
Prehaud, Christophe, 1
Press, Michael F., 680
Prince, Gregory A., 3907
Pritchett, Lori C., 2234
Privalsky, Martin L., 534
Prives, C., 2204
Pruijn, Ger J. M., 3092
Prusiner, Stanley B., 1558
Puchtler, Iris, 3530
Puddington, Lynn, 4387
Pugh, J. C., 3513
Puijk, W., 2782
Purifoy, Dorothy J. M., 1550, 3662
Puszkin, Saul, 659
Putney, Scott, 2107
Pyle, Stephen W., 2258, 2622

Quaiser, Andrea, 4737
Quantannens, Brigitte, 2808
Quérat, Gilles, 4813
Quinn, Thomas P., 2307
Quint, Wim, 2191

Raab-Traub, Nancy, 3288
Raadsheer, Eric, 4538
Rabert, Douglas K., 3463
Rabson, Arnold B., 376, 3874, 4104
Racaniello, Vincent R., 1687, 2059, 2219, 4486
Race, Richard E., 2845
Rackowski, Jerome L., 2557
Radaszkiewicz, T., 3156
Radonovich, Michael, 4499
Raines, M. A., 2437, 2444
Raju, Rajaswamy, 27
Ramos, Marita, 1634
Rangwala, Shaukat H., 400
Ransone, Lynn J., 3551
Rao, B. Sridhara, 3879
Rapp, Fred, 188
Rapp, Ulf R., 932
Raška, Karel, Jr., 580
Rasmussen, Lucy, 875
Rassart, Eric, 3840
Raum, Michael G., 3053, 3993
Rawls, William, 4037
Ray, Ranjit, 783
Reddehase, Matthias J., 1061, 1653, 3965
Redeker, Allan G., 594
Redmond, Mark J., 3474
Redmond, Shelagh M. S., 619
Reed, A. Paul, 266
Rees-Jones, Robert W., 978
Reeves, Roger H., 4372
Reich, Nancy, 114
Reichmann, M. E., 226
Rein, Alan, 479
Reisfeld, Semadar, 2867
Remenick, James, 1286
Repaske, Roy, 376
Reynolds, Pamela J., 4113
Ricciardi, Robert P., 1456
Rice, Charles M., 2124
Rice, G. P. A., 3603
Rice, Nancy R., 4730
Rice, Stephen A., 3814
Richardson, Christopher D., 2347
Richardson, Norman K., 1875
Richman, Douglas D., 3558
Richter, J. D., 1948
Richter, Jutta, 3530
Rickinson, Alan B., 894, 3747, 4173
Riddle, Lavon, 4703
Riedel, Norbert, 722
Ristow, Sandra, 2502
Robbins, A. K., 2512, 3565, 4185
Robert-Guroff, Marjorie, 2107
Roberts, Bryan E., 1046, 2143
Roberts, J. Scott, 1158
Roberts, M. Scot, 4307
Roberts, Norbert J., Jr., 1524
Roberts, Thomas M., 3407, 3934
Robey, Frank, 802
Robey, W. Gerard, 2258, 2622
Robinson, Deborah R., 1723
Robinson, Harriet L., 1808, 3014, 3431, 4828
Rocha, E., 2050
Rochefort, Henri, 1203
Rodriguez, Margaret H., 2134
Roehrig, John T., 4697
Roelants, George E., 4044
Roffi, Jean, 4044
Rogler, Charles E., 3422
Roivainen, Merja, 3536
Roizman, Bernard, 148, 159, 454, 1145
Roman, Ann, 3295
Romanowski, E., 1832
Romantschuk, Martin, 1180
Romet-Lemonne, J. L., 3064
Rommelaere, Jean, 1679, 3438
Romoser, W. S., 2083
Ronai, Z. A., 1057
Rood, Ilse, 4538
Rooney, James F., 1530
Roos, Raymond P., 3527
Rose, James A., 2745
Roseman, Nancy, 519
Rosen, Craig A., 655, 2498
Rosen, Leon, 3484
Rosenwirth, Brigitte, 1243
Ross, Bruce C., 4201
Ross, Susan R., 3046
Rossi, John J., 3914
Rothbard, Jonathan B., 3965
Rouse, Barry T., 2265
Roux, Laurent, 2859
Rowe, M., 894, 3747
Roy, Polly, 887, 3919
Roy-Burman, Pradip, 3631
Ruan, Li, 4832
Rubin, Berish Y., 1875
Rubin, Donald H., 1136
Rubino, K. L., 4465
Rubio, Nazario, 4303
Ruddell, A., 2728
Rueckert, Roland R., 1781, 3399
Rüger, B., 2243
Ruiz, Alberto M., 4331
Ruley, H. Earl, 257
Rundell, Kathleen, 768, 4760
Ruscetti, Sandra, 511, 2158
Rusche, James, 2107
Russell, Stuart, 3649
Rutherford, Michael N., 3077
Ruyechan, William T., 802, 810, 1038, 4493
Ryan, J. P., 3565
Ryden, Thomas A., 1617
Ryu, Wang-Shick, 563
Sabin, Elizabeth A., 1774
Safer, Brian, 3710
Sahli, Roland, 552
Saif, Linda J., 744
Sairenji, Takeshi, 2614
Saito, Shigeru, 644
Sakaguchi, Takemasa, 4427
Sakai, Koji, 4078
Salahuddin, S. Zaki, 4824
Salas, Margarita, 4167
Salazar, F. H. Rick, 3053, 3993
Salomé, Nathalie, 1679
Sample, Jeffery, 1101, 1330, 4452
Samsonoff, William A., 3855
Samulski, Richard Jude, 206
Sandri-Goldin, Rozanne M., 1474, 4510
Sarasin, A., 4249
Sarngadharan, M. G., 795
Satake, Masanobu, 970
Sato, Hiroshi, 3288
Satoh, Shuichi, 3517
Saule, Simon, 2808
Sauze, Nicole, 4813
Sawicki, Dorothea L., 3597
Sawicki, Stanley G., 3597
Sayre, Michael H., 3455
Schachter, Francois, 4824
Schäfer, Reinhold, 619
Schaffer, Priscilla A., 715, 732
Schaffhausen, Brian, 3934
Schaller, H., 1736, 2033
Scheidtmann, Karl-Heinz, 1258
Schickedanz, Jörg, 3341, 3965
Schiff, Gilbert M., 1543
Schlesinger, Sondra, 47
Schlicht, H. J., 1736
Schmaljohn, Connie S., 696
Schmid, Anita, 1388
Schmidt, Diane K., 4123, 4691
Schmitt, Jacky F. C., 1889
Schneider, Henriette, 4393
Schneider, J. F., 1948
Schneider, Jens, 1598
Schneider, Robert J., 2059
Schreurs, Christa, 12, 2251, 2712, 4622
Schrier, Rachel D., 2531
Schubach, W., 2728
Schultz, Alan M., 479, 2587
Scodeller, Eduardo A., 3789
Scott, Michael R. D., 1558
Scott, Miller O., 1456
Scott, Richard W., 4086
Scott, T. W., 2083
Scotto, Jacques, 4144
Scraba, Douglas G., 3474
Sears, Amy, 4452
Sears, Johnna F., 1819, 4778
Sears, Stephen D., 488
Sedarati, Farhad, 3037
Sedman, Sylvia A., 954
Sefton, Bartholomew M., 4113
Sehgal, Prabhat K., 4123, 4691
Seidel-Dugan, Cynthia, 4027
Sekiya, Souei, 1022
Sekulovich, Rose E., 4510
Seliger, Barbara, 619
Sells, Mary Ann, 2836
Semler, Bert L., 4207
Semmler, R., 2985
Sen, Ganes C., 641, 3175
Senkowski, Andrea, 3527
Sereno, Mitzi M., 744
Seto, Janny, 3772

Settleman, Jeffrey, 3608
Sever, John L., 2483
Sha, Lisa, 1167
Shah, Keerti V., 606
Shan, Hua, 2557
Shank, Peter R., 3874
Shapiro, Geoffrey I., 2285
Sharmeen, Lamia, 2674, 4439
Shaw, George M., 3501
Shaw, James E., 3415
Shaw, Jennifer, 1373
Shaw, Robert D., 1136, 2164, 3509
Sheehan, John P., 354
Shenk, Thomas, 206, 580
Shepard, Alyssa, 3364
Shepherd, Hurley S., 3888
Sheppard, Rachel D., 1388
Sherman, Levana, 120
Shida, Hisatoshi, 3718, 4474
Shieh, Chien-Kou, 3870
Shiigi, Stanley M., 1768
Shimada, Takashi, 2884
Shimasaki, Craig, 4703
Shimotohno, Kunitada, 4445
Shinder, Gayle, 387
Shipley, Joshua B., 2569
Shiraki, Kimiyasu, 188
Shirasawa, Hiroshi, 1022
Shiroki, Kazuko, 325
Shivaprakash, Malathi, 4037
Showalter, Stephen D., 606
Shriver, Kathleen, 2531
Shu, Mei-Di, 2790
Shukin, Robert, 4259
Shull, Bruce C., 417, 3807
Shull, Marcia M., 839
Shvartsman, Marina, 2836
Sia, Rey, 655
Siddiqui, Aleem, 1437
Sievert, Laura L., 4086
Silva, Daniel P., 4123, 4691
Silverstein, Saul J., 84, 1452, 4544
Simek, Stephanie, 4730
Simizu, Bunsiti, 1022
Simon, Dominique, 3973
Simon, Richard S., 3301
Simons, Ruth L., 1524
Sironi, Gianpiero, 1697
Sithanandam, Gunamani, 932
Sithole, I., 4270
Skalka, Anna Marie, 349, 528, 1808, 2358, 2686, 2696
Skinner, Michael A., 4195
Skup, Daniel, 1125
Slabaugh, Mary, 519
Slagle, Betty L., 4224
Slamon, Dennis J., 680
Slanina, Susan M., 4051
Slater, Rosalyn M., 4538
Slavicek, J. M., 1948
Slopsema, Kunja, 501
Smith, Alan E., 285
Smith, Brian R., 4756
Smith, C. W., 4465
Smith, Colton A., 715
Smith, Cynthia C., 2520
Smith, Douglas H., 139
Smith, Frances I., 3084
Smith, Geoffrey L., 1416
Smith, Irene L., 1474
Smith, Larry J., 1875
Smith, Marian Hall, 1508
Smith, Ralph E., 1423
Smith, Temple F., 1814
Smits, Henk L., 4538
Sninsky, John J., 4786
Snyder, Mark H., 488
Snyder, Robert, 3422
Snyder, Ruth M., 776, 3729
Sodora, Donald L., 1932, 1941
Sodroski, Joseph G., 655, 2498
Soe, Lisa H., 1989, 2403, 3870, 4288
Sogn, J. A., 2755
Sola, Brigitte, 3973
Soltis, Daniel A., 2358
Somasekhar, Madhu B., 944
Sonenberg, Nahum, 2219, 4486
Sonigo, Pierre, 4691
Sorge, Joseph A., 1827
Soskey, Laverne, 3622
Southern, Peter J., 1251, 3301
Souza, Lawrence M., 680
Sowder, R., 2587
Spaan, Willy, 4686
Spahr, Pierre-François, 3328
Spalholz, Barbara A., 3143
Spallone, Patricia A., 3914
Spandau, Dan F., 427
Spector, David J., 54, 4153
Spector, Deborah H., 331, 987, 3463
Spegelaere, P., 3438
Spehner, Danièle, 1297
Spindler, Katherine R., 3947
Spiro, Craig, 4129
Spivack, Jordan G., 749, 1479, 3281, 3493
Spodick, David A., 3631
Sprengel, Rolf, 3832
Spriggs, Melanie K., 1293
Springer, Timothy, 4173
Spruyt, N., 3438
Spyropoulos, Demetri D., 1046
Sridhar, Pennathur, 176
Srivastava, Arun, 3059
Staeheli, Peter, 2386
Staprans, Silvija I., 331, 3463
Staton, Vikki J., 1084
Stehelin, Dominique, 2808, 3233
Steinberg, Alfred D., 3545
Steiner, Israel, 3493
Steitz, Joan A., 902
Stephens, Delilah A., 3914
Stephens, Edward B., 3309
Stevens, Eric J., 234
Stevens, Jack G., 1194, 1381, 3037, 4577
Stevens, John T., 4493
Stevenson, Ulrike S., 176
Stierhof, York-Dieter, 3756
Stillman, Bruce, 3445
Stinski, Mark F., 875, 1956
Stober-Grässer, Ute, 1093, 4398
Stohlman, Stephen A., 1810, 1989, 4280, 4288
Stoker, Andrew W., 1008
Stokes, Mary A. M., 558
Stoler, Daniel L., 3540
Stout, Ernest R., 417, 3807
Stow, Nigel D., 1347
Stoye, Jonathan P., 168
Strair, Roger K., 2143, 4756
Strassman, Jeffrey, 181, 1180
Straus, Stephen E., 2076, 4819
Strauss, Ellen G., 2329
Strauss, François, 2380
Strauss, James H., 998, 2329
Streckert, Hans-Jürgen, 4265
Streeck, R. E., 1836
Strohmaier, K., 2033
Strominger, Jack D., 1442
Strynadka, Natalie C. J., 3474
Stuart, David, 367
Stunnenberg, Hendrik G., 1889
Stürzbecher, Horst-Werner, 3903
Su, Chun Yeh, 3422
Su, Henry K., 3668
Subak-Sharpe, John H., 802
Subramani, Suresh, 3378
Sugamura, Kazuo, 644
Sugg, Nancy, 12, 2251, 4622
Sugimoto, Masanobu, 4474
Sugimura, Takashi, 1640
Sujipto, Suganto, 1774
Summers, J., 3513
Summers, Max D., 463
Summers, Peter L., 3027
Sundberg, John P., 226
Sureau, C., 3064
Susaeta, Maite, 3911
Sutter, S., 1803
Suzuki, Kazuyoshi, 4474
Swanstrom, Ronald, 75
Syddall, Richard J., 354
Szurek, Paul F., 357

Tack, Lois C., 1028
Tada, Hiroomi, 4207
Tago, Katsuhiko, 2828
Taguchi, Fumiaki, 1097
Taichman, Lorne B., 4365
Tajana, Gianfranco, 361
Takahashi, Hideo, 1186
Takahashi, Mitsuyoshi, 4824
Takahashi-Nishimaki, Fukumi, 4474
Takai, Shinji, 4805
Takamizawa, Hiroyoshi, 1022
Takatsuki, Kiyoshi, 2107
Takebe, Naoko, 1640
Takeuchi, Yasuhiro, 3900
Takimoto, Toru, 4835
Tal, J., 3438
Talbot, Dale J., 1373
Talbot, Pierre J., 3032
Tambourin, Pierre E., 3973
Tamura, Teruko, 2150
Tanaka, Akiko, 3764, 4824
Tanaka, Harutaka, 1235
Tanaka, Hiroko, 4445
Tang, Xi-Lin, 1746, 4745
Taniguchi, Koki, 1819, 1870, 2421, 2978, 4022
Tanner, Jerome, 4452
Taraboulos, Albert, 1558
Tashiro, Masato, 2490, 3040
Tattersall, Peter, 851, 1713, 2605
Taylor, John, 1855, 2674, 4439
Taylor, M. W., 1132
Taylor, Philip, 444
Tedder, Davol G., 4661
Tegtmeyer, Peter, 4096
Temin, Howard M., 703, 1219, 1808, 2817
Terada, Masaaki, 1640
Terry, Brian J., 4493
Terry, Robert, 2358
ter Schegget, Jan, 4538
Tersmette, Matthijs, 2026
Terwilliger, Ernest, 655
Tevethia, Mary J., 285
Tevethia, Satvir S., 285
Tham, T. N., 1271

Theodore, Theodore S., 139
Thézé, Nadine, 4136
Thiel, H.-J., 2033
Thierry, Françoise, 4321
Thiers, Chantal, 1
Thiers, V., 629
Thiesen, Hans-Jürgen, 614
Thomas, A. A. M., 2782
Thomas, Christopher Y., 1158
Thomas, Miranda S., 1550
Thompson, James P., 4680
Thompson, S. D., 4653
Thorner, Lauren, 2474
Thouless, M. E., 2091
Tierney, Eveline L., 488, 1293
Tiollais, Pierre, 629, 4144
Tiraboschi, B., 2041
Tisdale, Margaret, 3662
Tishon, Antoinette, 687
Tollefson, Ann E., 33
Tomita, Judy, 3710
Tomita, Yoshimi, 1022
Tomlinson, Peter, 1416
Tong, Jennifer, 3265
Torres, A., 4022
Toth, Marcia, 3527
Toth, Miklos, 325
Towle, Murray J., 4756
Toyoda, Tetsuya, 4427
Tregear, Geoffrey W., 305, 1746, 4745
Trempe, James P., 68, 3356
Trent, Dennis W., 4697
Tronick, Steven R., 120
Trono, Didier, 2291
Troup, Cynthia D., 4123, 4691
Tsai, C.-C., 2091
Tsai, Wen-Po, 3167
Tsao, Hsu, 4832
Tseng, Richard W., 2890, 2896
Tsiang, Manuel, 47
Tsichlis, Philip N., 788
Tsujimoto, Hajime, 4044, 4782
Tsunokawa, Youko, 1640
Tucker, Thomas J., 3274
Tullis, Gregory E., 2736
Twardzik, Daniel R., 866
Tyler, Kenneth L., 4594

Udem, Stephen A., 1388
Uhlig, Hans, 1845
Underwood, P. Anne, 305
Urakawa, Toyohiko, 3919
Urasawa, Shozo, 1819, 1870, 2421

Vafai, Abbas, 2544
Vakharia, Vikram N., 4407
Vallbracht, Angelika, 3756
van der Noordaa, Jan, 4538
van der Vliet, Peter C., 3092
van Drunen Littel-van den Hurk, Sylvia, 4239
van Kessel, Kok P. M., 847
van Klaveren, P., 4410
van Miltenburg, Rob T., 3092
Vannice, James L., 1305
Vannier, David M., 1810
van Strijp, Jos A. G., 847
vanTuinen, Peter, 4224
van Zijl, Maddy, 2191
Vasmel, W. L. E., 3156
Vazeille, Marie Christine, 3484
Velicer, Leland F., 2373, 4270
Venkatesan, Sundararajan, 3053, 3993
Verdin, Eric M., 545
Verhoef, Jan, 847
Vernon, S. K., 407
Vidal, Silvia, 2200
Viglianti, Gregory A., 4523
Vigne, Robert, 4813
Vilander, Laura R., 2394
Villamarin, Alicia, 2059
Villaverde, A., 2050
Virgin, Herbert W., IV, 4594
Virtanen, Anders, 3258
Vlasak, Reinhard, 4686
Vogt, V., 1808
Volkmer, Hansjürgen, 3965
Volsky, David J., 4078
von Gegerfelt, Agneta, 4414
Von Laer, Dorothee M., 1323
Vugler, Leone, 3309

Wade-Evans, Alison, 3903
Wagner, Edward K., 1194, 4577
Wagner, Robert R., 776, 2569, 3729
Wagner, Thomas E., 3883
Waight, P. A., 2985
Walker, Leslie, 100
Walker, Thomas A., 1513
Wallace, R. Bruce, 3914
Walter, Gernot, 4760
Wang, David, 2337, 3747, 4173
Wang, E., 2204
Wang, Evelyn W., 1456
Wang, Fred, 1330, 3747, 4173
Wang, Kang-Sheng, 594
Wang, Li, 887
Wang, Yng-Fu, 962
Ward, Carol D., 558
Ward, J. M., 2091
Ward, Richard L., 1543, 4358
Wasmoen, Terri L., 826
Watson, Richard, 4051
Watts, Norman R. M., 1723
Weaver, S. C., 2083
Weber, Joseph M., 341, 1741
Weber, Michèle, 2380
Webster, Robert G., 3014
Webster, Teresa, 1814
Wechsler, Steven L., 4051
Wehrly, Kathy, 3779
Weijer, Wicher J., 501
Weiland, Frank, 1061
Weiner, Amy J., 594
Weiner, Beth, 2951
Weinmaster, Gerry A., 2016, 3849
Weinrich, Scott L., 297
Weinstein, I. B., 1057
Weiss, Barbara G., 47
Welch, Renée C., 563, 944
Welch, William, 4153
Welham, Melanie J., 1898
Weller, Sandra K., 91, 196, 2970
Welling, Gjalt W., 501
Welling-Wester, Sytske, 501
Wellish, Mary, 2544
Wells, Robert D., 922
Welsh, Raymond M., 3642
Welter, Lisa M., 4288
Wen, Long-Thung, 3764
Werchau, Hermann, 4265
Westley, Bruce R., 1203
Wettstein, Felix O., 1088, 3242
Whang, Young, 4452
Whealy, M. E., 2512, 3565, 4185
Whitbeck, J. Charles, 3319
White, David O., 305, 1746, 4745
White, Eileen, 3445, 4153
Whitton, J. Lindsay, 687
Whyte, Peter, 257
Wiberg, John S., 234
Wickner, Reed B., 1278
Wiedmann, Karl Hermann, 3756
Wiegers, Klaus, 1845
Wietstock, Steven M., 1038, 4493
Wilcox, Christine L., 393
Wilcox, Wesley C., 1932, 1941
Wiley, Clayton A., 987
Will, Hans, 3832
Willey, Ronald L., 139
Williams, Bryan R. G., 3077
Williams, Jim, 3265
Williams, Mark E., 3947
Williams, Trevor, 2896
Willis, Dawn B., 1271, 4680
Wilson, G. A. R., 3371
Wilterdink, Jan B., 501
Wimmer, Eckard, 2636, 4207, 4393, 4586
Winkel, Irene N., 2026
Wohlenberg, Charles, 1530
Wohlfart, Claes, 2321
Wohlrab, Franz, 922
Wold, William S. M., 33
Wolff, Linda, 2158
Wolfinbarger, James B., 132, 1495, 2903
Wong, Alexander K. C., 637
Wong, Min-Liang, 1227
Wong, P. K. Y., 357
Wong-Staal, Flossie, 4824
Woortmeijer, R. J., 2782
Worrad, Diane M., 4774
Wright, Dowain A., 331
Wright, Jocelyn H., 1028
Wroblewska, Zofia, 2544
Wu, Carol A., 435
Wu, Foon, 218
Wu, Sheue-Mei, 1659
Wu, Tzyy-Choou, 4722
Wurtz, Michel, 2960
Wyers, Françoise, 277
Wyke, John A., 1898

Yager, Dorne R., 2007
Yaginuma, Katsuyuki, 861, 3513
Yajima, Hajime, 313
Yamaguchi, Kenjiro, 2505, 3506
Yamashita, Makoto, 3348
Yanagawa, Shin-ichi, 1235
Yang, Hyekyung, 3642
Yang, Wen K., 2644
Yaniv, Abraham, 120
Yaniv, Moshe, 1573, 4321
Yasumoto, Shinichiro, 2520
Yilma, Tilahun, 2502
Yogo, Yoshiaki, 1097, 2916
Yoon, Ji-Won, 637
Yoshie, Osamu, 2209
Yoshiike, Kunito, 610
Yoshinari, Kaoru, 4561, 4569
Young, C. S. H., 4544
Young, L. S., 894, 3747
Young, Neal, 2508, 2884
Young, Ry, 4362
Ypma-Wong, Mary Frances, 4207
Yu, Y. T., 2204

Yudelevich, Arturo, 3911
Yuen, P. H., 357
Yun, Jeung S., 3883
Yunis, Edmond J., 4353
Yunis, Juan, 4353
Yutsudo, Masuo, 106

Zaia, John A., 3914
Zaiss, Conrad P., 1768
Zajchowski, D. A., 1762
Zamb, Tim, 4239
Zangrossi, Sandro, 1697
Zarling, Joyce M., 4481
Zebedee, Suzanne L., 2762
Zehnle, Roswitha, 2525
Zelent, Arthur Z., 2836
Zhang, Chang X., 1862
Zhang, Yi-Fan, 1194, 4577
Zhang, Yi-Ming, 3027
Zhou, Xin-da, 1408
Zhou, Yi-Zhong, 4224
Zhu, Xiuxuan, 4544
Zibello, Theresa, 3608
Zijlstra, M., 3156
Zinkernagel, R. M., 1803
Zuckermann, Federico A., 2251, 2712, 4622
Zurbriggen, Andreas, 3589
Zweig, Martin, 4376
Zybarth, Gabriele, 4393

SUBJECT INDEX
VOLUME 62

Abelson murine leukemia virus
  insertional mutagenesis, 3985
    defective transformation, 978
    mutants with altered kinase activity, 978
Adeno-associated virus
  adenovirus E1B helper function
    mRNA accumulation, 206
  general transduction vectors
    proviral structure, 1963
  rep gene
    DNA replication, 1705
    expression regulation in 293 cells, 68
    mRNA abundance and translation control, 68
    simian virus 40 hybrid, 1705
  structural proteins
    mRNA splicing and initiations, 2745
    synthesis, 2745
  VP1 capsid protein
    alternate mRNA splicing, 3356
    synthesis, 3356
Adenovirus type 1
  early region 1
    sequence and function, 3947
Adenovirus type 2
  core protein pre-X
    identification, 1741
  E1B 19-kilodalton protein
    transformation in rats, 3265
  EIII promoter stimulation
    EIIa promoter enhancer, 1762
    mediation by EIa, 1762
  expression in cultured epidermal keratinocytes, 4365
  human peripheral blood lymphocytes
    nonpermissivity, 341
    replication, 341
  L1 RNA 3′-end formation
    in vitro, 1464
    in vivo, 1464
  methylation-inactivated promoter
    cell-free transcription system, 3941
  neutralization
    kinetics, 2321
    mechanisms, 2321
    stoichiometry, 2321
  nuclear factor III recognition site
    DNA replication, 3093
  preterminal protein from cloned DNA
    DNA replication activity, 496
Adenovirus type 4
  E4 mutant
    polypeptide accumulation, 3258
Adenovirus type 5
  E1A proteins
    heterogeneity, 1948
    transcriptional activation and transformation, 1948
  E1b transcriptional control region
    organization, 54
  early promoters
    recombinant retrovirus, 2143
    regulation, 2143
  early region 1A protein regions
    transformation requirements, 257
  early region 4 transcription factor, 3003
  measles virus hemagglutinin expression vector system, 2718
  nucleoprotein complex
    psoralen-cross-linking study, 1227
Adenovirus type 12
  E1A and E1B genes
    tumorigenicity, 580
  early region 1B gene
    human beta interferon activation, 325
Adenovirus type 35
  early region 3
    sequence and genetic organization, 4431
Adenovirus types 2 and 5
  deletion mutants H2*dl*802, H2*dl*807, and H5*dl*1021
    characterization, 622
  E1A proteins
    similar transforming regions with simian virus 40 and *myc* oncogenes, 1814
Adenovirus vector
  herpes simplex virus ICP0, 4544
Adenoviruses
  E1A epitopes on cell surfaces
    cytotoxic T-lymphocyte recognition, 1513
  E1A proteins
    hsp70 association, 4153
  E1B 19,000-dalton tumor antigen
    early gene expression, 3445
    regulation, 3445
  E1B 175R protein
    cellular transformation, 4634
    gene expression, 4634
  E3 region
    mRNA expression, 1456
  E4 promoter
    c-*myc* products, 4533
    embryonal carcinoma cells, 4533
    trans-activation, 4533
  early region 1A gene products
    interferon-stimulated gene transcription, 114
  early region E3 protein
    gene mapping, 33
    identification, 33
  tripartite leader
    cap-binding complex, 2059
    function, 2059
  tripartite leader sequences
    translation independence, 1606
  vesicular stomatitis virus leader RNA
    replication inhibition, 1286
Aedes albopictus cells
  Sindbis virus RNA synthesis
    actinomycin D and cycloheximide, 2629
    host components, 2629
AKR murine leukemia virus
  reverse transcriptase
    functional organization, 4376
AKXD recombinant mouse strains
  lymphomas from six inbred strains
    comparative molecular analysis, 839
Aleutian mink disease virus
  in vivo- and in vitro-derived strains
    molecular comparisons, 132
  infected adult mink
    restricted RNA replication, 1495
  sequence analysis, 2903
  transcription, 3684
α Genes
  herpes simplex virus type 1
    induction, 1145
Amber codon suppression
  type C retroviruses
    cis-acting mRNA component, 3574
Anchorage-independent growth
  human papillomavirus type 16
    embryonic fibroblasts, 4538
Antibody response
  human rotavirus infection
    VP3 and VP7 proteins, 1543
  lymphocytic choriomeningitis virus clearance
    antibody- and B-cell-deprived mice, 1805
  $T4^+$ T helper cell function in vivo
    antiviral response, 2102
    cytotoxic T-lymphocyte response, 2102
Antibody-independent complement activation
  herpes simplex virus-infected fibroblasts
    polymorphonuclear leukocyte attachment, 847
Antibody-mediated growth
  influenza A NWS virus
    macrophagelike P388D1 cells, 20
Antigen p97
  vaccinia virus recombinant
    characterization, 176
    expression, 176
Antigenic epitopes
  influenza virus hemagglutinin site E
    epitopes for helper T cells, 305
Antigenic mutants
  rabies virus glycoprotein
    site II structure, 1
    virulence, 1
Antigenicity
  herpes simplex virus type 1 glycoprotein D
    synthetic peptide antibodies, 501
    virus-neutralizing activity, 501
Antiviral activity
  Sindbis virus-infected mosquito cells
    RNA synthesis, 346
Aphidicolin-resistant mutants
  simian virus 40 synthesis, 2867
Aphthoviruses
  virulent and attenuated strains
    behavior in tissue culture and cattle, 3789
    intertypic recombinants, 3789
art gene protein
  human immunodeficiency virus
    replication, 655
    subcellular localization, 2498
Attachment
  Epstein-Barr virus
    biotinylation, 2453
    flow cytometry, 2453
Autographa californica nuclear polyhedrosis virus
  IE-1 gene
    transcription, 3193
  late gene expression
    early gene accelerator, 2773
  late genes
    activation, 463
    mapping, 463
Avian carcinoma virus OK10
  autonomous *myc* oncogenes
    analysis, 3703

Avian erythroblastosis virus
erbB protein phosphorylation
protein kinase C, 3649
site-directed mutagenesis, 3649
wild-type and mutant v-*erbA* proteins
analysis, 534
Avian leukemia virus E26
c-*ets-1* locus
splicing, 3233
transduction, 3233
Avian leukosis virus, 2728
c-*erbB* transduction
mechanism, 2437
poly(A) tracts, 2437
c-*myb* activation
B-cell lymphomas, 1423
env and long terminal repeat sequences
repeat tissue tropisms, 4828
erbB transducing viruses
sarcomagenic potential, 2444
long terminal repeat sequences
pathogenic potential, 3431
proviral-activated c-*erbB*
replication-competent retrovirus, 1840
Avian lymphomatosis virus
c-*mil* sequences
transduction in neuroretina cells, 4627
Avian myeloblastosis virus
v-*myb* oncogene product
DNA-binding activity, 4398
transformation, 4398
v-*myb* protein product p48$^{v\text{-}myb}$
amino acid substitutions, 1093
transformation requirements, 1093
Avian retroviruses
c-*mil* sequences
transduction in neuroretina cells, 4627
MH2 virus v-*mil* oncogene
properties, 1211
pol endonuclease domain
integration, 2307
pp32 DNA endonuclease
phosphorylation, 2067
reverse transcription
initiation, 3622
secondary RNA structure, 3622
RNA splicing
cis-acting intron mutations, 2686
control mechanisms, 2686
v-*mil* oncogene
chicken neuroretina cell proliferation, 2808
Avian sarcoma and leukosis virus
C-terminal *pol* domain
replication, 528
env gene family host range
antigenic variants, 75
molecular analysis, 75
pol-endo proteins
mammalian cell expression, 349
nuclear accumulation, 349
pp32-related *pol*-endonucleases
production in *E. coli*, 2358
properties, 2358
protease activity
expression in *E. coli*, 2696
vector-packaging system
development, 1008
Avian sarcoma virus
gag gene enhancer
footprinting, 1617
localization, 1617
B19 parvovirus
enriched hematopoietic progenitor cells
replication, 3059
negative hybrid selection
genome mapping, 2508
translation in vitro, 2508
nonstructural protein gene
lethal effect, 2884
Bacteriophages
bacteriophage plasmid P4
alternative promoters, 1697
BF23
gene products, 4561
plate complementation tests, 4554
protein temporal synthesis, 4569
segregation patterns, 4554
lambda terminase
gpNu1 binding, 387
mycoplasma virus L1 and L3 DNA
electroporation-mediated transfection, 3050
ϕ6 genomic segment L
nucleotide sequence, 1180
ϕ6 polyhedral particle
production in *E. coli*, 181
ϕ29 DNA protein p3
replication, 4167
ϕX174 gene products E and K
E-mediated lysis of *E. coli*, 4362
PM2 DNA
BAL 31 RNA polymerase binding, 3911
SPO1-encoded type II DNA-binding protein TF1
phage development, 3455
T2, T4, and T6 heat shock regulon
virus production, 234
T4 baseplate proteins P7 and P8
assembly intermediate, 400
isolation, 400
T4 gene 23 product
heat cleavage, 1723
T4 genes *sp* and 40
identical, 3043
T4 head variants
core genes 68 and 22 mutations, 2960
T4 tail sheath gene
nucleotide sequence, 1186
T4 tail tube structural gene
nucleotide sequence, 882
T7 gene 10 mutation
growth on *Shigella sonnei*, 4369
Baculovirus recombinants
bluetongue virus tubules
NS1 gene expression, 3919
dengue virus encephalitis
immunization of mice, 3027
Baculoviruses
Autographa californica nuclear polyhedrosis virus
IE-1 gene transcription, 3193
late gene expression, 2773
human insulin receptor protein-tyrosine kinase domain
expression in insect cells, 1634
Pieris rapae granulosis virus transcripts
mapping, 1535
B-cell response
human immunodeficiency virus peptide
T-cell response, 2531
β-Galactosidase
vaccinia virus recombinants
expression, 3855
incorporation, 3855
β-globin gene
retrovirus vectors
transfer, 4337
Birnaviruses
infectious bursal disease virus precursor polyprotein
processing in *E. coli*, 1084
BK virus
early regulatory region
linker scan analysis, 3378
regulatory region
enhancer proteins, 3388
protein binding, 3388
tumor antigens
transformation role, 4613
Bluetongue virus
serotype 10 NS1 gene
baculovirus recombinants, 3919
tubules, 3919
serotypes 2 and 13
neutralizing epitopes, 2502
tissue tropism and target cells
chicken embryos, 887
identification, 887
Bovine coronavirus
E3 protein
receptor-destroying enzyme, 4686
Bovine herpesvirus 1
gI gene similarity
herpes simplex virus type 1 gB gene, 3319
glycoproteins gI and gIII
expression, 4239
transfected murine cells, 4239
replicative-form DNA
cleavage specificity, 1355
Bovine leukemia virus
mRNA processing
trans-acting regulation, 1115
Bovine papillomavirus type 1
E1 replication-defective mutants
transcriptional regulation, 4009
E2 gene
E5 gene regulation, 3608
E2 transcriptional control protein
DNA-binding domain purification, 1925
interaction with viral enhancer, 1925
E2-responsive element 1
enhancer activity, 3143
mutational analysis, 3143
modulator gene product
phosphoprotein, 2474
promoter activity, 2537
Bovine parvovirus
DNA terminal-sequence orientations
analysis, 3807
replication model, 3807
genomic clones
construction, 417
terminal sequence inversion, 417
Bovine rotavirus
antibody transfer to intestinal lumen
passive immunity, 2238
Bovine viral diarrhea virus
cytopathic and noncytopathic isolates
monoclonal antibody analyses, 2823
Brome mosaic virus
RNA components
exchange with cowpea chlorotic mosaic virus, 3581

subgenomic RNA synthesis
sequences, 2411

Camptothecin treatment
simian virus 40 replicating molecules
topoisomerase I binding, 3675
Canine parvovirus
comparison with feline parvovirus
genome organization, 266
nucleotide sequence, 266
Cap-binding complex
adenovirus tripartite leader
requirement during translation initiation, 2059
Caprine arthritis-encephalitis virus
biological properties
sialic acids, 1974
neutralization-sensitive epitopes
antigenic variation, 3488
Cauliflower mosaic virus
capsid protein and polymerase genes
retroviruslike recombination, 1460
c-*erbB* activation
avian leukosis virus provirus
characterization, 1840
c-*erbB* gene
avian leukosis virus
sarcomagenic potential, 2444
transduction, 2437
c-*ets* proto-oncogene
avian leukemia virus E26 c-*ets-1* locus
splicing, 3233
transduction, 3233
c-*fms* proto-oncogene
mouse chromosome 18
genetic mapping, 1055
role in murine neoplasms, 1055
c-*myb* activation
avian leukosis virus
B-cell lymphomas, 1423
c-*myc* oncogene
proviral recombination
homologous recombination, 788
tumor progression, 788
Colony-stimulating factor-1
BALB/c ecotropic provirus
myc-induced monocyte tumor, 3151
human immunodeficiency virus types 1 and 2
cytoplasmic production by macrophages, 2578
Coronaviruses
bovine coronavirus E3 protein
receptor-destroying enzyme, 4686
demyelinating disease model
host control, 3371
virus spread, 3371
mouse hepatitis virus
leader RNA-N protein interaction, 4288
mouse hepatitis virus A59 and 2
RNA recombination, 1989
mouse hepatitis virus mRNA
discontinuous transcription, 3870
leader fusion sites, 3870
murine hepatitis virus JHM
vaccination, 3032
N protein-RNA interactions
transcription implications, 4280
RNA-RNA recombination
frequency in mouse brain in vivo, 1810

Cottontail rabbit papillomavirus
E2 gene product
transcription control, 1573
E2 protein
characterization, 3242
nuclear phosphoprotein, 3242
E6 ORF proteins
localization and phosphorylation differences, 1088
Cowpea chlorotic mosaic virus
cDNA clones
in vitro transcripts, 3581
Cowpox virus
gene sequence
multiplication in CHO cells, 1297
Coxsackieviruses
cellular receptor for group B coxsackieviruses
monoclonal antibody development, 1647
Creutzfeldt-Jakob disease
infected cell lines
growth factor production, 3103
scrapie prion proteins
host effects, 3120
immunological analysis, 3120
Cross-reactivity
human cytomegalovirus and HLA-DR β chain
immunosuppression, 100
sequence homology, 100
Cytomegalovirus, human
early genes
regulation, 3463
glycoprotein complex families
identification and characterization, 875
glycoprotein complex gcII (gp47-52 complex)
multigene family, 1956
glycoprotein expression
Epstein-Barr virus BXLF2 homology, 1416
herpes simplex virus type 1 gH homology, 1416
varicella-zoster virus gpIII homology, 1416
gp55-116 envelope glycoprotein complex
neutralizing antibodies, 3309
herpes simplex virus replication
inhibition, 188
HLA-DR β chain
immunologic cross-reactivity, 100
sequence homology, 100
immediate-early gene transcription factors and regulatory regions
interactions, 1076
immediate-early region 2 gene products
expression, 1167
major glycoprotein complexes
human immune response, 1066
subunit vaccine implications, 1066
pp28 gene
identification and expression, 2243
strain AD169 phosphoproteins
amino-terminal region, 331
identification, 331
topoisomerase II inhibitors
replication, 4797
upstream AUG codons
translational control, 3334
Cytomegalovirus, murine
acute and latent infections
pathogenesis, 987
immediate-early protein
c-*fos* expression, 3341
synthesis, 3341
immediate-early protein pp89
antigenic domain, 3965
CTL recognition, 3965
immunotherapy in immunocompromised host
memory T-lymphocyte function, 1061
Cytomegaloviruses
DNA-binding protein gene
herpes simplex virus type 1 ICP8, 1364
location and transcript analysis, 1364
peripheral blood mononuclear cells
interleukin-1 and -2 production and responsiveness, 3603
recombinant vaccinia virus nonstructural protein
immunity, 1652
Cytoplasmic polyhedrosis virus
polyhedrin protein
cloning and characterization, 211
Cytotoxic T lymphocytes
adenovirus E1A epitopes
recognition, 1513
hepatitis A virus infection
human gamma interferon production, 3756
herpes simplex virus type 1
nonstructural proteins, 2265
murine cytomegalovirus IE protein pp89
antigenic domain, 3965
rotavirus-specific target cells
cross-reaction with different serotypes, 127
$T4^+$ T helper cell function in vivo
antibody response, 2102
antiviral response, 2102
Cytotoxic T-cell clones
human T-cell leukemia virus type I
antigen specificity, 2942
immortalization, 2942
mouse hepatitis virus
cell specificity, 2505
simian virus 40 T-antigen mutants
antigenic site mapping, 285
Cytotoxic T-cell response
Epstein-Barr virus B95.8 or P3HR1 strains
expression, 894
Epstein-Barr virus latent membrane protein
expression, 3747
herpes simplex virus type 2
glycoprotein subunit vaccine, 4481
Cytotoxic T-lymphocyte response
lymphocytic choriomeningitis virus glycoprotein
molecular definition of epitope, 687

Defective interfering particles
L-A double-stranded RNA deletion mutant
replication, 1278
measles virus vaccine, 2859
Sindbis virus RNAs
biological activity, 47
5′-terminal modification, 47
vesicular stomatitis virus
autointerference, 1323
delayed formation, 1323

large RNA synthesis in vitro, 1795
RNA synthesis, 1323
vesicular stomatitis virus Sdi⁻ mutant
replicase specificity, 3614
Deletion mutants
simian virus 40 T-antigen mutants
antigenic site mapping, 285
cytotoxic T-cell clone, 285
Dengue virus
baculovirus recombinant
immunization of mice, 3027
gamma interferon-induced augmentation
human monocytic cells, 3928
Dimethyl sulfoxide
hepatitis B virus infection
human hepatocytes, 4136
DNA polymerase gene
herpes simplex virus type 1
expression, 3224
expression in *S. cerevisiae*, 4493
DNA polymerase polypeptide
herpes simplex virus antibodies
characterization, 1550
DNA primase activity
herpes simplex virus type 1-infected HeLa cells
identification and characterization, 1038
DNA replication
bacteriophage φ29 DNA protein p3, 4167
polyomavirus
trans-acting protein, 1057
DNA synthesis
herpes simplex virus type 1 host range mutants
isolation and characterization, 91
DNA-binding activity
herpes simplex virus type 1 ICP8
N-ethylmaleimide inhibition, 810
simian virus 40 T-antigen phosphorylation sites
mutant characterization, 1598
DNA-binding proteins
herpes simplex virus type 1
purification, 2874
herpes simplex virus type 1 65K gene
identification, 818
Rous sarcoma virus enhancer and upstream promoter elements
identification, 2186
interaction, 2186
varicella-zoster virus
identification and characterization, 802
polyclonal antiserum, 802
Double-stranded RNAs
tentoxin-producing strains of *Alternaria alternata*
viruslike particles, 3888
Drosophila melanogaster cells
vesicular stomatitis virus transcription and replication
regulation, 277
Duck hepatitis B virus
hepatocellular carcinoma structures
DNA integration, 861
human hepatoma cells
infectious virus production, 1736
transfection, 3513

E1A proteins
adenovirus type 5 regions
transformation requirements, 257
adenovirus-infected cells
cytotoxic T-lymphocyte recognition, 1513
E1B gene
adenovirus type 5 transcriptional control region
genetic analysis, 54
organization, 54
E1B gene product
adenovirus 19,000-dalton tumor antigen
early gene expression, 3445
regulation, 3445
adenovirus type 2
transformation in rats, 3265
Early gene expression
Epstein-Barr virus *Bam*HI-A
altered expression, 1862
localization in Raji cells, 1862
Early region E3
group C adenovirus protein
gene mapping, 33
identification, 33
EJ-*ras* oncogene
simian virus 40, polyomavirus, or *myc* oncogene
ethanolamine responsiveness, 3201
transformation, 3201
Embryonal carcinoma cells
Moloney murine leukemia virus
expression restriction, 4086
Emv-3 provirus
$Pr65^{gag}$ mutant
myristylation defect, 479
Encephalomyocarditis virus
diabetogenic B variant detection
sequence analysis, 637
internal entry of ribosomes
5′ nontranslated region, 2636
translation, 2636
2′-5′-oligoadenylate synthetase-ribonuclease L pathway
beta interferon, 3175
replication inhibition, 3175
Endogenous ecotropic viruses
C3H/He provirus mutation
replication and XC fusion deficiency, 932
DBA/2 virus *Emv-3*
genetic defect, 3217
$Pr65^{gag}$ myristylation, 3217
replication, 3217
Endogenous feline leukemia virus
long terminal repeats
sequence and activity, 3631
Endogenous mouse mammary tumor virus
expression in several organs, 3046
Endogenous murine leukemia virus
class-specific oligonucleotide probes
mouse strain comparison, 168
polymorphism, 168
polyclonal immune activators
transcript induction, 3545
Endogenous proviruses
class-specific oligonucleotide probes
mouse strain comparison, 168
polymorphism, 168
Emv-3 $Pr65^{gag}$ mutant
myristylation defect, 479
Fv-1 tropism-specific probes
murine leukemia virus, 2644
Enhancer elements
human immunodeficiency virus
binding characteristics, 218
Moloney murine leukemia virus-simian virus 40 recombinants
leukemogenicity, 2427
simian virus 40 revertants
host ranges, 3364
Enhancer region
polyomavirus F9 point mutation
biological activities, 970
oligonucleotide synthesis, 970
env gene
avian sarcoma and leukosis virus host range
antigenic variants, 75
molecular analysis, 75
env gene mutants
human immunodeficiency virus
infectivity role, 139
Envelope glycoproteins
human immunodeficiency virus type 1
variant-specific neutralizing antibody, 2622
Epstein-Barr virus
B-cell lines infected with B95.8 or P3HR1 strains
cytotoxic T-cell recognition, 894
gene expression, 894
biotinylated virus
attachment model, 2453
flow cytometry, 2453
C3d receptor (CD21)
characterization, 1442
T-lymphoblastoid cells, 1442
clonotypic intracellular terminal regions
B-cell lymphoproliferation and lymphomagenesis, 962
early genes in *Bam*HI-A
altered expression, 1862
localization, 1862
EBER1 and EBER2 ribonucleoprotein particles
structural analyses, 902
EBER RNAs compared
herpesvirus papio small RNAs, 2790
gammaherpesvirus transcriptional effectors
herpesvirus saimiri, 3250
sequence conservation, 3250
glycoprotein gp85
fusion, 2366
monoclonal antibody, 2366
gp85 gene
antibody induction, 1108
identification, 1101
isolates from infectious mononucleosis patients and healthy carriers
genetic polymorphism, 3862
latent membrane protein
cytotoxic T-cell response, 3747
expression, 3747
human B-lymphocyte phenotype, 4173
rodent fibroblasts, 2337
truncated form, 2337
nasopharyngeal carcinoma-derived strain
superinfection, 3288
nuclear protein EBNA3B
expression in transformed lymphocytes, 2173
nuclear protein EBNA3C
expression in lymphocytes, 1330
P3HR-1 and B95-8 cell lines
antibody-mediated virus release, 2614
gp350/220 membrane antigen, 2614

R and Z transactivators
*Bam*HI-H promoter, 2274
sequence conservation with herpesvirus saimiri
genetic organization, 757
serum-free B-cell lines
autocrine growth factors, 3415
transformation, 3415
soluble gp350/220 and deletion mutant glycoproteins
adsorption to lymphocytes, 4452
thymidine kinase
characterization, 3892
expression in mammalian and procaryotic systems, 3892
transformation-positive and -negative cells
human immunodeficiency virus types 1 and 2 infections, 3497
vector amplification
simian virus 40 replication, 3738
Equine herpesvirus 1
glycoprotein gp13 gene homology
herpes simplex virus glycoprotein C, 2850
Equine infectious anemia virus
cis- and *trans*-acting regulation
gene expression, 3522
immune responses
viremia termination, 3073
LTR *trans*-activation
sequence localization, 120
erbA oncogene
avian erythroblastosis virus proteins
wild-type and mutant analysis, 534
erbB protein
avian erythroblastosis virus
protein phosphorylation, 3649
site-directed mutagenesis, 3649
Ethanolamine
simian virus 40, polyomavirus, EJ-*ras*, or *myc* oncogene
mammary cell conversion, 3201
transformation, 3201
N-ethylmaleimide
herpes simplex virus type 1 ICP8
inhibition, 810
Eucaryotic initiation factor 2
poliovirus-infected cells
phosphorylation inhibition, 3551

Feline leukemia virus
long terminal repeats
sequence and activity, 3631
myc-containing strain
tumorigenic potential, 4770
sequence conservation
nucleotide sequence, 722
Feline sarcoma virus McDonough strain
transformation-defective mutant
isolation, 2150
tyrosine kinase activity, 2150
Fim sites
Friend murine leukemia virus
mapping, 3973
Foamy viruses
long terminal repeat and *gag* and *pol* genes
nucleotide sequence, 1590
Foot-and-mouth disease virus
genetic and antigenic variants
rapid selection in cattle, 2041
leader protein
p220 cleavage, 4407
neutralizing epitopes
analysis, 2033
persistently infected cells
coevoluation of cells and viruses, 2050
type A10 antigenic sites, 2782
VP1 of serotype C
sequence conservation, 1469
Friend leukemia cells
endogenous alpha/beta interferon
virus selection, 600
Friend mink cell focus-forming virus
O-linked glycosylation of envelope proteins
analysis, 1016
Friend murine leukemia virus
Fim-1, *Fim-2*/c-*fms*, and *Fim-3* integration sites
mapping, 3973
Moloney murine leukemia virus enhancers
tissue specificities, 614
p53 oncogene
erythroleukemic cell line, 4752
integration, 4752
Friend spleen focus-forming virus
helper-free erythroleukemia
clonal analyses, 4129
Friend viruses
clonal analyses, 4129
Frog virus 3
immediate-early gene
structure and regulation, 1271
immediate-early promoter
methylation and expression, 4680
Fujinami sarcoma virus
P130$^{gag\text{-}fps}$ protein
temperature-sensitive mutant, 3849
transformation, 3849
SH2 domain of P130$^{gag\text{-}fps}$
protein-tyrosine kinase activity, 2016
tyrosine phosphorylation site, 2016
Fungal viruses
tentoxin-producing strains of *Alternaria alternata*
viruslike particles, 3888
Fusion glycoprotein
Newcastle disease virus virulence
cleavage-activation site, 354
residue requirements, 354

gag enhancer
avian sarcoma virus
localization and footprinting, 1617
gag gene products
human immunodeficiency virus p17 and p24
biochemical and immunological analysis, 795
human immunodeficiency virus type 1, 3993
simian immunodeficiency virus SIV_{Mne}
amino acid sequences, 2587
Genetic mapping
c-*fms* proto-oncogene
mouse chromosome 18, 1055
Genetic organization
herpesvirus saimiri and EBV
sequence conservation, 757
Glycoprotein B
herpes simplex virus type 1
viral entry and cell fusion, 2596
Glycoprotein D
herpes simplex virus DNA-protein interaction
activation, 4661
herpes simplex virus type 1
antigenic determinants, 3474
entry in BJ cells, 159
expression, 159
monoclonal antibody-resistant mutants, 3274
neutralization site, 3274
regulation, 1474
synthetic peptides, 3474
transcriptional control, 1474
herpes simplex virus type 1 cell line
mutant characterization, 1486
replication role, 1486
herpes simplex virus type 1 mutants
antigenicity, 1941
cysteine-to-serine expression, 1932
expression in mammalian cells, 1932
processing, 1941
herpes simplex virus type 1 regulatory protein α4
late gene effect, 148
synthesis regulation, 148
herpes simplex virus type 1 synthetic peptides
antigenicity, 501
virus-neutralizing activity, 501
herpes simplex virus types 1 and 2
cell surface receptors, 4605
Glycoprotein gC
herpes simplex virus types 1 and 2
C3b receptor activity, 4027
Glycoprotein gG-2
herpes simplex virus type 2
inducible expression, 3668
mammalian cells, 3668
Glycoprotein gI
pseudorabies virus genome deletions
growth effect in cells, 12
Glycoprotein gIII
pseudorabies virus
growth in tissue culture, 2512
multifunctional, 2251
signal sequence deletion, 3565
pseudorabies virus virulence, 2712
Glycoprotein gp50
pseudorabies virus and herpes simplex virus
reduced yield, 2196
Glycoprotein gp85
Epstein-Barr virus
fusion, 2366
monoclonal antibody, 2366
Glycoproteins gE and gI
herpes simplex virus type 1
immunoglobulin G Fc receptor, 1347
Glycoproteins gI and gIII
bovine herpesvirus 1 expression
transfected murine cells, 4239
Glycoproteins gp70 and gp20
simian retrovirus D type 1
antibody identification, 1774
expression in yeast cells, 1774
gp85 gene
Epstein-Barr virus
identification, 1101
Epstein-Barr virus BXLF2 sequence recognition, 1108

Growth factor expression
woodchuck hepatitis virus DNA
insulinlike growth factor II, 3422
transcription, 3422
Growth factor production
Creutzfeldt-Jakob disease
transformation, 3103

H-1 virus
transformed cell sensitivity, 1679
Hantaan virus
M genome segment
expression by vaccinia virus, 696
Harvey sarcoma virus
ras sequence
retroviral sequences, 3540
Heat shock protein
adenovirus E1A proteins
association, 4153
Heat shock regulon
bacteriophages T2, T4, and T6
virus production, 234
Helper virus
adeno-associated virus helper function
adenovirus E1B, 206
mRNA accumulation, 206
reticuloendotheliosis-associated helper virus
gp90 and gp20 glycosylation pathways, 3167
Hemagglutinin
influenza virus
immunological properties, 4745
synthetic peptide, 4745
influenza virus antigenic site E
epitopes for helper T cells, 305
influenza virus infection
retrovirus vector, 3014
Hemagglutinin-neuraminidase glycoprotein
Sendai virus
soluble form, 4653
Hepadnaviruses
heron hepatitis B virus
isolation and characterization, 3832
Hepatitis A virus
sensitized cytotoxic T lymphocytes
human gamma interferon production, 3756
viral RNA encapsidation
replication restriction, 4201
Hepatitis B virus
cloned DNA in mice
chronic carrierlike state, 1408
core antigen and e antigen polypeptides
DNA binding, 3517
nucleocapsid proteins, 3517
enhancer
properties, 1305
envelope proteins
distinctive properties, 407
hepatocellular carcinoma development
DNA integration, 629
human hepatocellular carcinoma insert
structural analysis, 4224
infected human hepatocytes
dimethyl sulfoxide, 4136
molecular clone
chimpanzee infection, 3064
proteins with reverse transcriptase activities
replication intermediate, 626
putative reverse transcriptase, 4786
replicative intermediates
HepG2 cells, 2836
surface antigen gene
enhancer modulation, 1437
expression in transgenic mice, 649
tissue preference, 649
transcription, 1437
surface antigen and poliovirus neutralization antigen
presentation and immunogenicity, 1836
transgenic mice
replication and gene expression, 4144
X protein
enhancer *trans*-activation, 427
X-region-specific transcript, 3979
Hepatitis delta virus
delta antigen
nuclear phosphoprotein, 2403
RNA-binding activity, 2403
hepatitis delta antigen polypeptides
ORF5 encoded, 594
RNA from infected woodchuck liver
molecular cloning, 1855
sequence, structure, and applications, 1855
RNA self-cleavage, 2674, 4439
Hepatocellular carcinoma
duck hepatitis B virus DNA
integrated structures, 861
Heron hepatitis B virus
isolation and characterization, 3832
Herpes simplex virus
antibody-independent complement activation
polymorphonuclear leukocyte attachment, 847
DNA polymerase
antibody production, 1550
enzyme characterization, 1550
glycoprotein C homology
equine herpesvirus 1 glycoprotein gp13, 2850
glycoprotein D
cell surface receptors, 4605
glycoprotein D gene
activation, 4661
DNA-protein interaction, 4661
glycoprotein gp50-producing cell lines
reduced yield, 2196
human cytomegalovirus function
replication inhibition, 188
ICP0
adenovirus vector, 4544
latency-associated transcript
characterization in neurons, 1194
nerve growth factor-dependent latency
characterization in neurons, 393
polymerase gene transcript
analysis, 2007
expression regulation at translation level, 2007
uracyl-DNA glycosylase
coding sequence, 4774
virion host shutoff function
mapping, 912
Herpes simplex virus type 1
65K DNA-binding protein
gene identification, 818
purification, 2874
α4 protein functional and antigenic domains
mapping, 454
α genes
induction, 1145
alpha protein ICP27
gene-specific transactivation, 3814
ICP4 and ICP0 combination, 4510
ANG and KOS strains
pathogenesis in mice, 3037
DNA polymerase
expression in *S. cerevisiae*, 4493
DNA polymerase gene
expression, 3224
DNA replication genes
identification, 435
structures, 444
DNA-binding protein ICP8
N-ethylmaleimide inhibition, 810
gB gene similarity
bovine herpesvirus 1 gI gene, 3319
glycoprotein B
viral entry and cell fusion, 2596
glycoprotein B carboxy-terminal 41 amino acids
virus production, 4403
glycoprotein B domain
virus penetration, 1881
glycoprotein C cytoplasmic domain
membrane anchoring, 1753
glycoprotein D
antigenic determinants, 3474
synthetic peptide antibodies, 501
synthetic peptides, 3474
virus-neutralizing activity, 501
glycoprotein D expression
entry in BJ cells, 159
viral degradation, 159
glycoprotein D gene
regulation, 1474
transcriptional control, 1474
glycoprotein D mutants
antigenic structure, 1941
cell line construction, 1486
characterization, 1486
cysteine-to-serine mutant expression, 1932
expression in mammalian cells, 1932
processing, 1941
glycoprotein D neutralization site
antigenic analysis, 3274
monoclonal antibody-resistant mutants, 3274
glycoprotein D synthesis
regulation, 148
regulatory protein α4 effect, 148
glycoprotein D-vaccinia virus recombinant
immunization, 1530
revaccination, 1530
glycoproteins gE and gI
immunoglobulin G Fc receptor, 1347
host range mutants
DNA synthesis effect, 91
isolation and characterization, 91
human immunodeficiency virus LTR activation
NF-κB induction, 4104
human trigeminal ganglia
latent transcription, 3493
ICP6 *lacZ* insertion mutant
isolation and characterization, 196
ribonucleotide reductase, 196
ICP6::*lacZ* insertional mutagen
UL52 gene, 2970
IE175 binding and autoregulation

DNA target sites, 4307
latency-associated RNAs
avirulent mutant HFEM, 3281
new gene class, 3281
latency-associated transcript
splicing, 4577
latency-associated transcripts in trigeminal ganglia of mice
gene expression, 1479
latency-related gene
fine mapping, 4051
latency-related RNAs, 4051
latently infected human ganglia
transcript detection, 4819
neurovirulence gene
localization, 1381
replication in brain, 1381
nonstructural proteins
cytotoxic T lymphocytes, 2265
novel DNA primase
identification and characterization, 1038
origin-binding protein
major recognition sequences, 4096
Ori-S region
origin function, 2516
peripheral and central nervous system tissues
latent infection localization, 749
RNA complementary to ICP0 gene
isolation in trigeminal ganglia neurons, 1832
temperature-sensitive mutant *ts*701
DNA synthesis, 715
mapping, 715
transcriptional regulatory protein ICP4
physical and functional domains, 732
varicella-zoster virus "IE"175 protein
cell line establishment, 2076
ICP4 mutant complementation, 2076
Herpes simplex virus type 2
glycoprotein gG-2 gene
inducible expression, 3668
mammalian cells, 3668
glycoprotein subunit vaccine
T-cell priming, 4481
immune-suppressor factor
cell-mediated immunity, 2520
UV B-irradiated mice, 2520
Herpes simplex virus types 1 and 2
glycoprotein C on transfected cells
C3b receptor activity, 4027
Herpesvirus ateles
thymidylate synthase gene
translation regulation, 3530
Herpesvirus papio
small RNA comparison
Epstein-Barr virus-encoded EBERs, 2790
Herpesvirus saimiri
gammaherpesvirus transcriptional effectors
Epstein-Barr virus, 3250
sequence conservation, 3250
sequence conservation with Epstein-Barr virus
genetic organization, 757
Herpesvirus vectors
glycosylated membrane antigen expression
human immunodeficiency virus type 1 envelope glycoproteins, 4185
pseudorabies virus gIII, 4185
Herpesviruses
human herpesvirus 6
homology with Marek's disease virus, 4824
molecularly cloned subgenomic fragments
pseudorabies virus regeneration, 2191
HL-60 cells
resistance to retrovirus infection
mechanisms, 4346
retrovirus transcription
retinoic acid-induced differentiation, 4349
Host range mutants
herpes simplex virus type 1
DNA synthesis effect, 91
isolation and characterization, 91
Host shutoff mechanism
herpes simplex virus
mapping, 912
La Crosse virus
mRNA instability, 27
Human cytomegalovirus
early genes
regulation, 3463
glycoprotein complex families
identification and characterization, 875
glycoprotein complex gcII (gp47-52 complex)
multigene family, 1956
glycoprotein expression
Epstein-Barr virus BXLF2 homology, 1416
herpes simplex virus type 1 gH homology, 1416
varicella-zoster virus gpIII homology, 1416
gp55-116 envelope glycoprotein complex
neutralizing antibodies, 3309
herpes simplex virus replication
inhibition, 188
HLA-DR β chain
immunologic cross-reactivity, 100
sequence homology, 100
immediate-early gene transcription factors and regulatory regions
interactions, 1076
immediate-early region 2 gene products
expression regulation, 1167
major glycoprotein complexes
human immune response, 1066
subunit vaccine implications, 1066
pp28 gene
identification and expression, 2243
strain AD169 phosphoproteins
amino-terminal region, 331
identification, 331
topoisomerase II inhibitors
replication, 4797
upstream AUG codons
translational control, 3334
Human hepatitis delta virus
delta antigen
nuclear phosphoprotein, 2403
RNA-binding activity, 2403
RNA self-cleavage, 2674, 4439
Human hepatocytes
hepatitis B virus infection
dimethyl sulfoxide, 4136
Human herpesvirus 6
DNA repeat sequence
homology with Marek's disease virus, 4824
Human immunodeficiency virus
art gene product
replication, 655
B- and T-cell response
immunodominant epitope, 2531
enhancer region
alterations, 218
binding characteristics, 218
env gene domain
in vitro mutagenesis, 139
infectivity role, 139
gag gene products p17 and p24
biochemical and immunological analysis, 795
gag-pol protease
characterization, 3053
gp120 binding to CD4
neutralization mechanism, 4195
herpes simplex virus type 1 activation
NF-κB induction, 4104
monoblastoid cell infection
cellular differentiation, 3558
replication, 3558
neutralizing monoclonal antibody
characterization, 2107
neutralizing epitope mapping, 2107
oligonucleoside methylphosphonate
inhibition, 3914
replicative and cytopathic characteristics, 4414
reverse transcriptase
DNA synthesis, 3900
sensitive quantitative focal assay
development, 3779
syncytium-inducing capacity
detection in AIDS and ARC patients, 2026
differences in isolates, 2026
tat protein
CD4 molecular expression on Jurkat cells, 4353
cell-cell fusion assay, 3874
synthesis, 3874
trans-acting *art* gene product
subcellular localization, 2498
Human immunodeficiency virus type 1
DNA clones
biological heterogeneity, 4078
env protein
anti-gp120 monoclonal antibodies, 3695
CD4 receptor binding, 3695
envelope glycoproteins
expression by herpesvirus vector, 4185
gag gene products, 3993
gag precursor proteins
proteinase processing, 4393
gp120 epitope mapping
monoclonal antibodies, 4703
gp160 variants
expression, 3135
human embryonic cells
expression, 1398
HTLV-I LTRs, 1398
polyprotein expression in *E. coli*
protease-mediated processing, 1433
reverse transcriptase activity, 1433
purified envelope glycoproteins
variant-specific neutralizing antibodies, 2622
rev gene product
phosphorylation, 4801

reverse transcriptase
monoclonal antibodies, 3662
structure and function, 3662
simian immunodeficiency virus from rhesus macaques
transactivation, 4523
trans-activation-responsive region
mutational analysis, 673
variants HTLV-III$_B$ and HTLV-III$_{RF}$
envelope glycoprotein, 2258
purification and characterization, 2258
Human immunodeficiency virus type 2
pol polyprotein
E. coli expression, 2525
reverse transcriptase, 2525
simian immunodeficiency virus
infectious molecular clones, 4691
X open reading frame
gene identification, 3501
Human immunodeficiency virus types 1 and 2
CSF-1-treated human monocytes
cytoplasmic production, 2578
Epstein-Barr virus-positive and -negative cells
infection, 3497
Human lymphoid cells
adenovirus type 2 infection
nonpermissivity, 341
replication, 341
Human papillomavirus type 6
E2 protein
identification, 606
transcriptional regulatory elements
noncoding region, 4722
Human papillomavirus type 6b
E. coli-expressed fusion proteins
humoral antibody, 2115
long control region
alterations, 3295
propagation in *E. coli*, 3295
Human papillomavirus type 8
genes E6 and E7
transformation and replication, 3655
Human papillomavirus type 11
E2 and E2-C enhancer-binding proteins
regulation, 2994
Human papillomavirus type 16
anchorage-independent growth
embryonic fibroblasts, 4538
E5 open reading frame
identification, 1071
E6 and E7 open reading frames
RNA accumulation, 84
integrated genome clone
sequence analysis, 1659
mRNA in cervical neoplasia
transcriptional differences, 1022
ORF E7 transforming gene
isolation in rat 3Y1 cells, 610
transformed cell lines
growth stimulation, 313
viral-cellular junction fragment
transformation in NIH 3T3 cells, 4420
Human papillomavirus type 18
cDNAs for transcripts in HeLa cells
nucleotide sequences, 1640
multiple enhancer elements
activity, 665
noncoding region analysis, 665
regulatory proteins
transcription, 4321
transformed human keratinocytes
characterization, 1917
Human papillomavirus type 51
cervical condyloma
isolation, 1452
Human parainfluenza virus type 3
HN and F glycoproteins
immune response induction, 783
Human rhinovirus
cellular receptors
anti-receptor monoclonal antibody, 2300
interaction, 2300
Human rotaviruses
fourth gene
sequence, 2978
strain coinfection
phenotypic mixing, 4358
Human T-cell leukemia virus type I
CD4$^+$ and CD8$^+$ cytotoxic T-cell clones
antigen specificity, 2942
immortalization, 2942
envelope glycoprotein
attenuated vaccinia virus, 4474
vaccine development, 4474
envelope glycoprotein and human interleukin-2
β receptor binding, 659
immunological and structural homology, 659
gag precursor polyprotein
processing, 3718
protease biosynthesis, 3718
long terminal repeats
embryonic cells, 1398
expression, 1398
p40 *trans*-acting factor
simian virus 40 enhancer, 644
p40^x-responsive 21-bp binding protein, 4499
trans-activating protein
subnuclear localization, 680
Human T-cell leukemia virus type II
cis-regulatory element for *rex*
genomic mRNA, 4445
Human T-cell leukemia virus types I and II
DNase I
protection, 1339

ICP0 gene
herpes simplex virus type 1 cRNA
isolation in trigeminal ganglia neurons, 1832
ICP4 mutants
herpes simplex virus type 1
physical and functional domains, 732
If-1 locus
interferon gene expression
action, 1125
regulation, 1125
Immediate-early gene 2
human cytomegalovirus
expression regulation, 1167
Immediate-early genes
frog virus 3
structure and regulation, 1271
Immune response
equine infectious anemia virus
viremia termination, 3073
human cytomegalovirus glycoprotein complexes
subunit vaccine implications, 1066
human parainfluenza virus type 3 glycoproteins
protection, 783
measles virus matrix protein
subacute sclerosing panencephalitis, 2483
rotavirus infection
rabbit model, 1625
synthetic peptide of influenza virus hemagglutinin
genetic control and specificity, 1746
Immunogenicity
measles virus receptor
murine antibody production, 1565
reassortant rotavirus proteins
resistance in piglets, 744
vaccine implications, 744
Immunoglobulin G antibody
transfer to gastrointestinal tract
clearance in calves, 2234
Immunotherapy
murine cytomegalovirus adrenalitis in immunocompromised host
memory T-lymphocyte function, 1061
Infectious bursal disease virus
precursor polyprotein
processing in *E. coli*, 1084
Influenza A NWS virus
macrophagelike P388D1 cells
antibody-mediated growth, 20
Influenza A virus
M_2 protein
monoclonal antibody properties, 2762
rimantadine resistance
genetic basis, 1508
Influenza A/Ann Arbor/6/60 virus
cold-adapted reassortant virus vaccines
attenuation, 488
Influenza C virus
matrix protein
coding strategy, 3348
homology, 3348
Influenza virus
antigenic site E on hemagglutinin
epitopes for helper T cells, 305
infection in tracheal gland cells
viral production and cell viability, 1524
Mx resistance gene
mapping, 4372
neuraminidase signal-anchor domain
function redundancy, 3824
NS1 nonstructural protein
two nuclear location signals, 3020
P68 protein kinase activity
repression, 3710
retrovirus-expressed hemagglutinin
protection, 3014
RNA replication in vitro
synthesis, 2285
synthetic hemagglutinin peptide
immunological properties, 4745
synthetic peptide
hemagglutinin, 1746
immune response, 1746
Insect cells
simian virus 40 large and small T antigens
overproduction, 2951
Insect ribovirus
nodavirus provirions
cleavage, 3399

Interferon
56,000-dalton protein
monoclonal antibody production, 1875
synthesis regulation, 1875
adenovirus early region 1A gene products
transcription effect, 114
dengue virus infection
human monocytic cells, 3928
encephalomyocarditis virus
2′-5′-oligoadenylate synthetase, 3175
ribonuclease L pathway, 3175
endogenous alpha/beta interferon
virus production by tumor cells, 600
hepatitis A virus infection
human gamma interferon production, 3756
sensitized T lymphocytes, 3756
human beta 1 expression
resistance in transgenic mice, 3883
human beta interferon gene activation
adenovirus type 12 E1B gene, 325
If-1 regulatory locus
action, 1125
2′-5′-oligoadenylate synthetase
expression in mice, 3077
rat Mx proteins
cytoplasmic and nuclear proteins, 2386
mRNA family, 2386
transmissible gastroenteritis virus glycoprotein E1
induction, 8
role, 8
v-*mos*, c-*myc*, and v-Ha-*ras* expression
gamma interferon regulation, 619
Interleukin-1 and interleukin-2
cytomegalovirus-infected peripheral blood mononuclear cells
production effects, 3603
responsiveness, 3603
Interleukin-2
human T-cell leukemia virus type I envelope glycoprotein
β receptor binding, 659
homology, 659
mouse hepatitis virus type 4
spleen cells, 3506
Interleukin-3
mouse hepatitis virus type 4
spleen cells, 3506
Intracisternal A particles
dexamethasone treatment
expression, 3867
Mus musculus cells, 3867
long terminal repeats
nuclear protein interactions, 4070

JC virus
organ-specific variants
DNA rearrangements, 1730
regulatory region
DNA structure, 922
JKT-7400 virus
CO_2 sensitivity, 3484
Jurkat cells
human immunodeficiency virus *tat* protein
CD4 molecule expression, 4353

Kaplan radiation leukemia virus
long terminal repeat
replication on mouse fibroblasts, 3840
KG-1 cells
resistance to retrovirus infection mechanisms, 4346

La Crosse virus
host protein shutoff
mRNA instability, 27
L-A double-stranded RNA
deletion mutant
replication, 1278
Lactate dehydrogenase-elevating virus
major neutralizing epitope
Formalin inactivation, 3210
Large T antigen
simian virus 40
overproduction in insect cells, 2951
simian virus 40 and mouse p53
baculovirus expression, 3109
complex formation, 3109
simian virus 40 T antigen-p53 complexes
ATPase activity, 1028
characterized using monoclonal antibodies, 1028
Late gene promoter
vaccinia virus
cis-acting regulatory elements, 297
localization, 297
Latency-related RNAs
herpes simplex virus type 1
avirulent mutant HFEM, 3281
herpes simplex virus type 1 latency-related gene
fine mapping, 4051
Latent infection
herpes simplex virus type 1
transcription, 3493
herpes simplex virus type 1 infection
expression in mouse trigeminal ganglia, 1479
herpes simplex virus type 1 transcripts
peripheral and central nervous system tissues, 749
Latent membrane protein
Epstein-Barr virus
human B-lymphocyte phenotype, 4173
rodent fibroblasts, 2337
truncated form, 2337
Epstein-Barr virus-specific cytotoxic T cells
recognition, 3747
lck oncogene
cytoskeletal p56^{lck} protein-tyrosine kinase
polyomavirus middle T antigen, 4673
Moloney murine leukemia virus promoters
activation, 4113
Lentiviruses
caprine arthritis-encephalitis virus
antigenic variation, 3488
caprine arthritis-encephalitis virus sialic acids
biological properties, 1974
Liver-specific gene regulation
duck hepatitis B virus in human cell line
infectious virus production, 1736
Lymphocytic choriomeningitis virus
antibody- and B-cell-deprived mice
clearance, 1803
cytotoxic T-lymphocyte epitope
molecular definition, 687
L RNA segment mutation
genetic analysis, 3301
variants selected in vivo, 3301
persistently infected mice
RNA analysis, 1251
Lymphokine-activated killer cells
antiviral effect, 3642

Major capsid protein p30
Moloney murine leukemia virus
phosphorylated forms, 40
Major histocompatibility complex class I
adenovirus types 2 and 12 and simian virus 40
transformed hamster cells, 2755
Major histocompatibility complex class II
murine leukemia virus
T- and B-cell lymphomas, 3156
Mammalian cells
RNA synthesis
detection, 1132
Marek's disease herpesvirus
B antigen glycoprotein complex
synthesis and processing, 4270
DNA repeat sequence
homology with human herpesvirus 6, 4824
gp57-65 gene
nucleotide sequence, 2373
structure, 2373
latently infected lymphoblastoid cells
nuclear antigen, 3764
Matrix protein
influenza C virus
coding strategy, 3348
homology, 3348
Measles virus
cell surface receptor in immunized mice
antibody development, 1565
defective gene expression
subacute sclerosing panencephalitis line, 1388
defective interfering particles
attenuated vaccine, 2859
hemagglutinin expression
adenovirus type 5 vector, 2718
matrix protein
immune response, 2483
subacute sclerosing panencephalitis, 2483
P/C RNA expression
adenovirus hybrids, 4059
Memory T lymphocytes
murine cytomegalovirus adrenalitis immunotherapy
adoptive role in immunocompromised host, 1061
Middle T antigen
polyoma-murine leukemia virus vector
acute thrombocythemic myeloproliferative disease, 361
polyomavirus mutants
cDNAs, 3407
recombinant retroviruses, 3407
transduction, 3407
polyomavirus-associated proteins, 3934
Mill Hill 2 virus
v-*mil* oncogene
chicken neuroretina cell proliferation, 2808
properties, 1211

Mink cell focus-forming murine leukemia viruses
polyclonal immune activators
transcript induction, 3545
progenitor sequences in AKR mice
transcript expression, 376
Minute virus of mice
allotropic determinants
mapping, 2605
cell type-specific determinant
characterization, 552
NS-1 mutants, 2736
NS-1 polypeptide
covalent association, 851
replicative-form DNA attachment, 851
particle-mediated gene control
evidence, 1713
transcription units
temporal order of transcription, 1448
transformed cell sensitivity, 1679
transformed rat fibroblasts
susceptibility, 3438
Moloney murine leukemia virus
Friend murine leukemia virus enhancers
tissue specificities, 614
gag-pol fusion protein
expression, 2179
proteolytic processing, 2179
virion formation, 2179
homologous recombination
tumor progression, 788
integrated provirus
isolation, 633
U3 sequence, 633
intragenic domain
embryonal carcinoma cells, 4086
expression restriction, 4086
linker insertion mutations
3′ *pol* region, 3958
long terminal repeat
fibrotropism determinant, 3840
major capsid protein p30
phosphorylated forms, 40
promoter insertion
lck expression, 4113
retroviral packaging signal
identification, 3802
simian virus 40 recombinants
enhancer sequences, 2427
leukemogenicity, 2427
strain TB paralytogenic mutant *ts*1
neurovirulence determinants, 357
point mutation identification, 357
Monoclonal antibodies
bovine viral diarrhea virus
cytopathic and noncytopathic isolates, 2823
Epstein-Barr virus gp85
fusion, 2366
Epstein-Barr virus gp350/220 membrane antigen
inhibition, 2614
P3HR-1 and B95-8 cells, 2614
group B coxsackievirus cellular receptor
development, 1647
herpes simplex virus type 1 glycoprotein B
mar mutant, 1881
virus neutralization, 1881
human immunodeficiency virus type 1 gp120
epitope mapping, 4703
human immunodeficiency virus type 1 reverse transcriptase
structure and function, 3662
human rhinoviruses
cellular receptors, 2300
interaction, 2300
influenza A virus M_2 protein, 2762
interferon-induced 56,000-dalton protein
synthesis regulation, 1875
respiratory syncytial virus F and G proteins
neutralization, 4232
Sendai virus P protein
mapping, 2200
phosphate localization, 2200
simian immunodeficiency virus
transmembrane protein specificity, 4782
varicella-zoster virus gpI and gpII
epitope recognition, 2544
Mosquito vector
arbovirus-induced cytopathic changes, 2083
Mouse germ lines
human beta 1 interferon
expression, 3883
resistance, 3883
Mouse hepatitis virus
cytotoxic T-cell clones
cell specificity, 2505
fusion-positive strain A59 and fusion-negative strain 2
RNA recombination, 1989
leader RNA-N protein interaction, 4288
N protein-RNA interactions
transcription implications, 4280
Mouse hepatitis virus type 4
interleukins-2 and -3
spleen cells, 3506
Mouse mammary tumor virus
3′ open reading frame
transactivating potential, 4410
endogenous copy of proviral DNA
defective LTR, 2394
env gene promoter
cyclosporine suppressible, 1373
EL4 cells, 1373
phorbol diester induced, 1373
expression in several organs, 3046
proviruses in T-cell lymphomas
negative regulatory element, 4644
related human sequences
expression, 1203
retroposon L1Md
association, 472
Mouse papillomavirus
European harvest mouse lesions
cloning and characterization, 226
initial isolation, 226
mRNA expression
murine retrovirus
ts mutant, 106
mRNA translation
simian virus 40 VP2 and VP3
synthesis, 954
Murine cytomegalovirus
acute and latent infections
pathogenesis, 987
immediate-early protein
cell cycle induction, 3341
c-*fos* expression, 3341
immediate-early protein pp89
antigenic domain, 3965
CTL recognition, 3965
immunotherapy in immunocompromised host
memory T-lymphocyte function, 1061
Murine hepatitis virus JHM
vaccination, 3032
Murine leukemia virus
endogenous retroviruslike DNA family
structure, distribution, and expression, 4381
envelope glycoprotein
processing mutant, 932
XC fusion deficiency, 932
Fv-1 tropism-specific probes
endogenous proviruses, 2644
major histocompatibility complex class II-regulated immunity
T- and B-cell lymphomas, 3156
recombinant selection
CWD mice, 1158
regulatory elements
enhancer region mediation, 1314
glucocorticoid responsiveness, 1314
reverse transcriptase
functional organization, 4376
Murine retrovirus
temperature-sensitive cellular mutant
mRNA expression, 106
Murine sarcoma virus
*ts*110 mutant structure
thermosensitive splicing, 1907
Mutation rate
rotavirus VP7 gene
genetic stability, 4778
Rous sarcoma virus, 3084
Mutational analysis
poliovirus type 2 Lansing
upstream AUG codons, 4486
Mx gene
influenza virus
mapping, 4372
Mx protein
interferon-induced mRNAs
cytoplasmic and nuclear proteins, 2386
rat cells, 2386
myb oncogenes
structural and functional domains
colony formation, 1981
myeloid transformation, 1981
nuclear transport, 1981
myc oncogene
avian carcinoma virus OK10, 3703
colony-stimulating factor-1 growth factor locus
BALB/c ecotropic provirus, 3151
rat adrenocortical cells
transformation, 4712
simian virus 40, polyomavirus, or EJ-*ras* oncogene
ethanolamine responsiveness, 3201
transformation, 3201
myc transformation
c-*myc* and v-*myc* proteins
similar transforming regions with simian virus 40 and adenovirus E1A, 1814

Natural killer cells
lymphokine activated
antiviral effect, 3642
Nebraska calf diarrhea virus
VP3 gene comparison
simian SA11, 4022

Nerve growth factor
herpes simplex virus latency in neurons
characterization, 393
Neuraminidase
influenza virus
redundancy, 3824
signal-anchor domain, 3824
Neutralizing monoclonal antibodies
human immunodeficiency virus
characterization, 2107
mapping epitopes, 2107
Newcastle disease virus
fusion glycoprotein cleavage-activation site
residue requirements, 354
virulence determinant, 354
fusion protein
antigenic determinants, 4427
matrix protein
nuclear association, 586
strain variation, 586
Nodaviruses
provirion maturation
cleavage, 3399
Nomenclature
proteins common to all retroviruses, 1808
Nonstructural proteins
recombinant vaccinia virus
cytomegalovirus immunity, 1653
Nu1 subunit
bacteriophage lambda terminase
binding in *cos* DNA, 387
Nuclear antigens
Marek's disease virus
latently infected cells, 3764
Nuclear factor III
adenovirus type 2
DNA replication origin, 3093
recognition site, 3093
Nuclear proteins
Epstein-Barr virus EBNA3C
expression in lymphocytes, 1330
Nucleocapsid protein p12 (NC)
Rous sarcoma virus mutations
Cys-His box deletions, 3328

2′-5′-Oligoadenylate synthetase
encephalomyocarditis virus
beta interferon, 3175
ribonuclease L pathway, 3175
interferon-induced genes
expression in mice, 3077
Oligonucleoside methylphosphonate
human immunodeficiency virus *tat-3* gene
inhibition, 3914
O-linked glycosylation
retroviral envelope gene products
analysis, 1016
Oncogenes
v-*mos*, c-*myc*, and v-Ha-*ras* expression
gamma interferon regulation, 619
Orbiviruses
JKT-7400 virus
CO_2 sensitivity, 3484
lethal for rabbits, 3484

p40^x protein
human T-cell leukemia virus type I
21-bp binding protein, 4499

p53 oncogene
Friend murine leukemia virus
erythroleukemic cell line, 4752
integration, 4752
oligomerization, 4737
simian virus 40 T antigen
baculovirus expression, 3109
complex formation, 3109, 3903
simian virus 40 T antigen-p53 complexes
ATPase activity, 1028
characterization using monoclonal antibodies, 1028
p56^{lck} protein
cytoskeletal protein-tyrosine kinase
polyomavirus middle T antigen, 4673
P130$^{gag\text{-}fps}$ protein
Fujinami sarcoma virus
temperature-sensitive mutant, 3849
transformation, 3849
p220 cleavage
foot-and-mouth disease virus
leader protein, 4407
poliovirus 2A sequences, 4216
Packaging cell lines
avian sarcoma and leukosis viruses
development, 1008
recombinant retroviruses
cell surface antigen markers, 4756
retrovirus vector cell line
gene separation, 1120
Papillomavirus, bovine
type 1 E1 replication-defective mutants
transcriptional regulation, 4009
type 1 E2 gene
E5 gene regulation, 3608
type 1 E2 transcriptional control protein
DNA-binding domain purification, 1925
interaction with viral enhancer, 1925
type 1 E2-responsive element 1
enhancer activity, 3143
mutational analysis, 3143
type 1 promoters
activity, 2537
Papillomavirus, human
integrated genome clone
characterization, 1659
sequence analysis, 1659
type 6 E2 protein
identification, 606
type 6 transcriptional regulatory elements
noncoding region, 4722
type 6b humoral antibodies
identification, 2115
type 6b long control region
alterations, 3295
propagation in *E. coli*, 3295
type 8 genes E6 and E7
transformation and replication, 3655
type 11 E2 and E2-C enhancer-binding proteins
regulation, 2994
type 16 anchorage-independent growth
embryonic fibroblasts, 4538
type 16 E5 ORF
identification, 1071
type 16 mRNA in cervical neoplasia
transcriptional differences, 1022
type 16 ORF E7 transforming gene
isolation in rat 3Y1 cells, 610
type 16 ORFs
RNA accumulation, 84
type 16 viral-cellular junction fragment
transformation in NIH 3T3 cells, 4420
type 16-transformed cells
growth stimulation, 313
type 18 cDNA transcripts
nucleotide sequences, 1640
type 18 enhancer elements
analysis and activity, 665
type 18 regulatory proteins
transcription, 4321
type 18 transformation
human keratinocyte characterization, 1917
type 51
cervical condyloma, 1452
Papillomaviruses
cottontail rabbit E2 protein
characterization, 3242
cottontail rabbit papillomavirus E2 gene product
transcription control, 1573
cottontail rabbit papillomavirus E6 ORF proteins
localization and phosphorylation differences, 1088
Micromys minutus papillomavirus
cloning and characterization, 226
initial isolation, 226
Papovaviruses
BK virus regulatory region
enhancer binding, 3388
linker scan analysis, 3378
JC virus regulatory region
DNA structure, 922
Parainfluenza virus type 3
vaccinia virus recombinants
immunization, 1293
patas monkeys, 1293
Parvovirus B19
nonstructural protein gene
lethal effect, 2884
Parvoviruses
Aleutian disease of mink virus strains
in vivo and in vitro comparisons, 132
Aleutian mink disease virus
sequence analysis, 2903
transcription, 3684
autonomous minute virus of mice
allotropic determinants, 2605
NS-1 mutants, 2736
temporal order, 1448
transcription units, 1448
B19 parvovirus
genome mapping, 2508
negative hybrid selection, 2508
translation in vitro, 2508
bovine parvovirus DNA
terminal-sequence orientations, 3807
canine parvovirus
feline parvovirus variant, 266
genome organization, 266
nucleotide sequence, 266
H-1 virus and minute virus of mice
transformed cell sensitivity, 1679
minute virus of mice
particle-mediated gene control, 1713
minute virus of mice gene expression
transformed cell susceptibility, 3438
Phosphorylation
Moloney murine leukemia virus p30
immunoprecipitation and electrophoresis, 40

Pichinde virus
temperature-sensitive mutants
characterization, 4037
Picornaviruses
poliovirus 2A sequences
p220 cleavage, 4216
Pieris rapae granulosis virus
transcripts and translation products
mapping, 1535
pol-endo domain
avian sarcoma-leukosis virus proteins
mammalian cell expression, 349
nuclear accumulation, 349
pol-endonuclease production
avian sarcoma and leukosis virus pp32
protein
E. coli, 2358
Poliovirus
2A sequences
p220 cleavage, 4216
2C mutants
defective RNA synthesis, 4016
cold-sensitive mutant, 2922
eucaryotic initiation factor 2 phosphorylation
inhibition, 3551
internal 5′-noncoding region
RNA translation, 3068
mRNA
cis-acting elements, 2219
translational efficiency, 2219
neutralization antigen and hepatitis B surface antigen
presentation and immunogenicity, 1836
protease 2A
characterization, 1243
protein VPg
mutational analysis, 4207
proteinase 3C
expression, purification, and cleavage activity, 4586
RNA polymerase error frequency
measurement, 558
Sabin vaccine strains 1 and 3
recombinant vaccine candidate, 2828
serotype 1 neutralizing determinants
three-dimensional structure, 1781
subgenomic replicons
construction and characterization, 1687
translational module
5′ noncoding region, 2291
RNA sequence, 2291
Poliovirus type 1 Mahoney
antigenic site I
complex structure, 1845
Poliovirus type 2
intestinal trypsin
antigenic site 1 modification, 3536
VP1 cleavage, 3536
Poliovirus type 2 Lansing
upstream AUG codons
mutational analysis, 4486
Polyhedral particle
bacteriophage ϕ6
assembly pathway, 181
production in *E. coli*, 181
Polyhedrin protein
cytoplasmic polyhedrosis virus mutant
cloning and characterization, 211
Polymerase genes
herpes simplex virus expression
analysis, 2007
regulation at level of translation, 2007
Polyomavirus
B enhancer domains
infection of F9 embryonal carcinoma cells, 2890
cytoskeletal p56^{lck} protein-tyrosine kinase
middle T antigen binding, 4673
enhancer
fine structure, 1667
F9 point mutation in enhancer region
biological activities, 970
oligonucleotide synthesis, 970
host range mutant F441
infection of F9 embryonal carcinoma cells, 2896
medium T antigen cellular proteins
homology with simian virus 40 small T antigen, 4760
middle and small T antigens
associated proteins, 3934
middle T antigen cDNAs
recombinant retroviruses, 3407
transduction, 3407
middle T gene retrovirus vector
acute thrombocythemic myeloproliferative disease, 361
organ-specific variants of JC strain GS
DNA rearrangements, 1730
simian virus 40, EJ-*ras*, or *myc* oncogene
ethanolamine responsiveness, 3201
transformation, 3201
thymic tumors in mice
noncoding sequence duplication, 3896
UV-induced *trans*-acting protein
DNA replication, 1057
identification, 1057
Porcine rotavirus YM
serotype characterization, 4331
Poxviruses
cotransfected plasmid DNAs
genetic recombination levels, 367
Prion proteins
scrapie-infected cell clones
biosynthesis, 2845
Protease-resistant proteins
scrapie-infected cultured cells
production, 1558
Proteinase 3C
poliovirus type 2 (Sabin)
expression, purification, and cleavage activity, 4586
Pseudorabies virus
gIII fusion proteins
expression by herpesvirus vector, 4185
glycoprotein gI expression
growth effect in cells, 12
glycoprotein gIII
growth in tissue culture, 2512
multifunctional, 2251
signal sequence deletion, 3565
virulence role, 2712
glycoprotein gp50-producing cell lines
reduced yield, 2196
glycoproteins gI and gp63
complex formation, 4622
replication, 4622
Indiana-Funkhauser strain
immediate-early gene, 4763
Psoralen cross-linking
adenovirus type 5 nucleoprotein complex
study, 1227
Rabies virus
glycoprotein antigenic site II
structure, 1
virulence, 1
rabies-specific T cells
cross-reactivity, 3128
Radiation leukemia virus
long terminal repeat
fibrotropism determinant, 3840
ras oncogene
rat adrenocortical cells
transformation, 4712
Recombination
cotransfected plasmid DNAs
poxvirus-infected cells, 367
Sindbis virus pathogenesis
molecular analysis, 2124
vaccinia virus progeny
delineation, 1046
Reolike virus
Drosophila S virus
morphological effect, 1266
Reovirus type 1 Lang
lung uptake
viral hemagglutinin, 545
Reovirus type 3 (Dearing)
antibody protection, 4594
Reoviruses
sigma 1 protein
electron microscopic examination, 246
fiber extension, 246
rep gene
adeno-associated virus expression
mRNA abundance and translation control, 68
regulation in 293 cells, 68
Replicative intermediates
hepatitis B virus
HepG2 cells, 2836
Replicative-form DNA
minute virus of mice NS-1
covalent association, 851
Respiratory syncytial virus
1A protein
B- and T-cell sites, 4465
F and G glycoproteins
antiserum transfer, 3907
expression by recombinant vaccinia viruses, 3907
immune response, 3907
F and G protein monoclonal antibodies
neutralization, 4232
G protein
characterization, 2228
soluble form, 2228
Reticuloendotheliosis virus
p59$^{v\text{-}rel}$ transforming protein
chicken lymphoid cells, 4730
complex formation, 4730
revertants of nontransforming viruses
spontaneous occurrence, 1219
Retrovirus expression
Moloney murine leukemia virus intragenic domain
embryonal carcinoma cells, 4086
restriction, 4086

Retrovirus mutations
base-pair substitution and insertion rate, 2817
Retrovirus packaging signal
Moloney murine leukemia virus identification, 3802
Retrovirus recombinants
adenovirus type 5 early promoters regulation, 2143
Retrovirus vectors
cell surface antigen markers, 4756
embryonal and hematopoietic cells gene expression, 3795
expression in hematopoietic cells, 2464
gene transfer
safe packaging line, 1120
human β-globin gene transfer, 4337
polyoma-murine leukemia virus middle T gene
acute thrombocythemic myeloproliferative disease, 361
resistant KG-1 and HL-60 cells mechanisms, 4346
retinoic acid-induced differentiation
HL-60 cells, 4349
transcription, 4349
Rous-associated virus type O LTRs, 4809
Retroviruses
cauliflower mosaic virus
mutation, 1460
proteins common to all
nomenclature, 1808
Rous sarcoma virus
mutation rate, 3084
type B DMBA-LV LTR U_3 region alterations, 2985
Retroviruses, avian
RNA splicing
cis-acting intron mutations, 2686
control mechanisms, 2686
v-*mil* oncogene
chicken neuroretina cell proliferation, 2808
Retroviruslike RNA
synthesis in vitro, 1827
Reverse transcriptase
AKR murine leukemia virus
functional organization, 4376
human immunodeficiency virus
DNA synthesis, 3900
human immunodeficiency virus type 1
monoclonal antibodies, 3662
structure and function, 3662
Reverse transcriptase activity
avian retroviral RNA secondary structure
initiation, 3622
hepatitis B virus proteins
replication intermediate, 626
human immunodeficiency virus type 2
pol polyprotein, 2525
Rhesus rotavirus
VP3 and VP7 neutralization escape mutants
serotypic analysis, 3509
Rhinoviruses
human rhinoviruses
anti-receptor monoclonal antibody, 2300
cellular receptors, 2300
interaction, 2300
Ribonucleoprotein particles
Epstein-Barr virus EBER1 and EBER2
structural analyses, 902
Ribonucleotide reductase activity
herpes simplex virus type 1 ICP6 mutant
DNA synthesis, 196
Rift Valley fever virus
M segment
Phlebovirus gene expression, 826
vaccinia virus recombinant, 826
Rimantadine resistance
influenza A virus infection
genetic basis, 1508
RNA polymerase activity
poliovirus
error frequency, 558
RNA polymerase-binding sites
bacteriophage PM2 DNA
electron microscopy, 3911
restriction endonuclease cleavage, 3911
RNA replication
Theiler's murine encephalomyelitis virus infection
minus-strand RNA synthesis, 1824
RNA self-cleavage
human hepatitis delta virus
sequence characterization, 4439
RNA synthesis
mammalian cells
detection, 1132
poliovirus 2C mutants, 4016
poliovirus cold-sensitive mutant, 2922
RNA translation
poliovirus 5′-noncoding region, 3068
RNA-RNA recombination
coronavirus pathogenesis
frequency in mouse brain in vivo, 1810
Rotaviruses
bovine rotavirus infection
passive immunity, 2238
cell entry
membrane penetration, 1136
cytotoxic T lymphocytes
cross-reaction with different serotypes, 127
human rotavirus fourth gene
sequence, 2978
human rotavirus neutralization epitopes
monoclonal antibody-selected antigenic mutants, 1870
nucleotide sequence analysis, 1870
human rotavirus strain coinfection
phenotypic mixing, 4358
human rotavirus VP3
neutralization epitopes, 2421
serotype 2 specificity, 2421
human rotavirus VP3 and VP7
internalization, 2209
human rotavirus VP7 protein gene
nucleotide sequence comparison, 1819
serotype prediction, 1819
porcine group C rotavirus
structural polypeptide analysis, 2183
porcine rotavirus YM
serotype characterization, 4331
rabbit model, 1625
rhesus rotavirus and SA11
serotypic analysis, 3509
VP3 and VP7 neutralization escape mutants, 3509
SA11 and NCDV strains
VP3 gene comparison, 4022
SA11 VP3 cleavage region
peptide-induced neutralization, 4265
simian rotavirus SA11 VP4 epitopes
analyses, 2164
strain SA11 VP7 glycoprotein
assembly, 2929
VP3 or VP7 outer capsid protein
antigen neutralization, 744
immunogenicity in piglets, 744
VP3 and VP7 proteins
antibody response, 1543
VP7 gene sequence
genetic stability, 4778
Rous sarcoma virus
enhancer and upstream promoter elements
DNA-binding protein identification, 2186
interaction, 2186
gag-encoded *trans* activator
replication and transcription, 4003
MA^{gag} region
putative *trans*-activator, 4767
mutation rate, 3084
nucleocapsid protein p12 (NC) mutations
Cys-His box deletions, 3328
point mutations and $pp60^{v\text{-}src}$ function
pleiotropic effects, 1898
Prague A strain
integration, 2307
pol endonuclease domain, 2307
proto-*src* sequences
transduction, 4791
tyrosine phosphoproteins
immunological characterization, 2665
Rous-associated virus type O
helper-independent retrovirus vectors, 4809
Rous-associated virus types 0 and 1
avian leukosis virus sequences
pathogenic potential, 3431
Rubella virus
glycoprotein E1
translocation into endoplasmic reticulum, 4259

SA11 rotavirus
VP3 cleavage region
peptide-induced neutralization, 4265
VP3 gene comparison
Nebraska calf diarrhea virus, 4022
VP4 epitopes
analyses, 2164
VP7 glycoprotein
assembly, 2929
Scrapie agent
prion protein biosynthesis
neuroblastoma cell clones, 2845
Scrapie prions
Creutzfeldt-Jakob disease
host effects, 3120
immunological analysis, 3120
protease-resistant prion proteins
murine neuroblastoma cell production, 1558
Sendai virus
hemagglutinin-neuraminidase protein
soluble form, 4653
mutant TSrev-58
pneumopathogenicity, 3040
NP protein

genome encapsidation, 834
RNA replication, 834
nucleocapsid protein
antigenic domains, 4805
E. coli expression, 4805
P protein
monoclonal antibody mapping, 2200
phosphate localization, 2200
protease activation mutant TR-2
cellular immunity, 2490
vaccinated mice, 2490
Sequence conservation
feline leukemia viruses
nucleotide sequence, 722
foot-and-mouth disease virus
VP1 of serotype C, 1469
Sigma 1 protein
reovirus virion surfaces
electron microscopy, 246
Simian acquired immune deficiency syndrome
type D retrovirus
cellular tropism, 1768
type D retrovirus distribution, 2134
Simian immunodeficiency virus
African green monkey strain, 4123
baboon and macaque inoculation
susceptibility to SIV/Mne, 2091
CD4-associated molecules
characterization, 2557
HTLV-IV infection, 2557
human immunodeficiency virus type 1
transactivation, 4523
infectious molecular clones, 4691
isolation from mandrills
strain comparison, 4044
transmembrane protein
monoclonal antibodies, 4782
Simian immunodeficiency virus SIV_{MAC}
X open reading frame
gene identification, 3501
Simian immunodeficiency virus SIV_{Mne}
gag proteins
amino acid sequences, 2587
Simian retrovirus D type 1
envelope glycoproteins gp70 and gp20
antibody identification, 1774
expression in yeast cells, 1774
lymphoid and nonlymphoid cells
cellular tropism, 1768
neural, lymphoid, and salivary tissues
distribution, 2134
Simian rotavirus SA11
VP3 and VP7 neutralization escape mutants
serotypic analysis, 3509
VP4 epitopes
functional and topographical analyses, 2164
Simian virus 5
SH protein
cell surface expression, 2347
integral membrane protein, 2347
Simian virus 40
aphidicolin-resistant mutants
DNA synthesis, 2867
closed circular DNA
structural state, 3879
functionally late bigenic mRNAs
synthesis, 954
human T-cell leukemia virus type I p40
trans-activation, 644
large and small T antigens
overproduction in insect cells, 2951
large T antigen
dephosphorylation, 1258
DNA-binding and DNA helicase activities, 1258
similar transforming regions with adenovirus E1A and *myc* oncoproteins, 1814
large T antigen and mouse p53
baculovirus expression, 3109
complex formation, 3109
large T antigen-p53 complexes
ATPase activity, 1028
characterization using monoclonal antibodies, 1028
late 19S RNAs
synthesis, 944
translation, 944
late spliced 19S and 16S RNAs
processing pathways, 563
late transcription factor
activation, 4296
origin-minus DNA in rat and mouse cells
multiple insertions and tandem repeats, 1520
phosphorylation site mutations
characterization, 1598
T-antigen DNA-binding properties, 1598
polycistronic 19S late mRNA
synthesis, 3182
translational control, 3182
polyomavirus, EJ-*ras*, or *myc* oncogene
ethanolamine responsiveness, 3201
transformation, 3201
replication in human cells
Epstein-Barr virus vector amplification, 3738
revertant enhancers
host ranges, 3364
sequence-specific binding protein
identification, 2380
late-coding strand, 2380
small T antigen cellular proteins
homology with polyomavirus medium T antigen, 4760
small T antigen in nonpermissive cells
actin cable disorganization, 768
T antigen
binding to double-stranded DNA, 2204
T-antigen expression in *E. coli*
origin DNA-binding domain, 1999
T-antigen mutants
antigenic site mapping, 285
cytotoxic T-cell clone, 285
topoisomerase I association
camptothecin treatment, 3675
UV irradiation
growing fork blocks, 4249
single-stranded gaps, 4249
Simian virus 40 T antigen
murine p53 sequence
complex formation, 3903
Sindbis virus
Aedes albopictus cells
actinomycin D and cycloheximide, 2629
RNA synthesis, 2629
defective interfering RNAs
biological activity, 47
5′-terminal modification, 47
infected mosquito cells
RNA synthesis, 346
mutant *ts*6
RNA elongation in vitro, 3597
neurovirulence
mice, 2329
strain comparison, 2329
nonstructural polyproteins
processing kinetics, 998
pathogenesis in neonatal mice
molecular analysis, 2124
Small T antigen
polyomavirus-associated proteins, 3934
simian virus 40
overproduction in insect cells, 2951
simian virus 40 in nonpermissive cells
actin cable disorganization, 768
Spleen focus-forming virus
envelope gene
erythroleukemia induction in mice, 2158
pseudotyping with Akv
pathogenicity, 511
Spumaretroviruses
long terminal repeat and *gag* and *pol* genes
nucleotide sequence, 1590
src oncogene
rat adrenocortical cells
transformation, 4712
Subacute sclerosing panencephalitis
measles virus matrix protein
immune response, 2483
Suncus murinus mammary tumor virus
long terminal repeats
analysis, 1235
transcriptional activities, 1235

T-antigen binding
simian virus 40
double-stranded DNA, 2204
T-antigen expression
simian virus 40
expression in *E. coli*, 1999
origin DNA-binding domain, 1999
tat protein
human immunodeficiency virus
cell-cell fusion assay, 3874
synthesis, 3874
T-cell response
human immunodeficiency virus peptide
B-cell response, 2531
Temperature-sensitive mutants
herpes simplex virus type 1 *ts*701
DNA synthesis, 715
mapping, 715
Moloney murine leukemia virus TB *ts*1
neurovirulence determinants, 357
point mutation identification, 357
murine retrovirus
mRNA expression, 106
Pichinde virus
characterization, 4037
Sindbis virus mutant *ts*6
RNA elongation in vitro, 3597
vesicular stomatitis virus M gene
expression, 3729
site-specific mutants, 3729
Theiler's murine encephalomyelitis virus
nude mice
vascular endothelial cells, 3589
receptor characterization
rabbit antiviral antiserum, 4303
spinal cords of persistently infected mice

minus-strand RNA synthesis, 1824
trypsin-sensitive neutralization site
VP1 mutants, 3527
Tobacco etch virus
polyprotein cleavage site mutations
analysis, 2313
cis and *trans* proteolytic activities, 2313
Togaviruses
lactate dehydrogenase-elevating virus
Formalin inactivation, 3210
major neutralizing epitope, 3210
natural mosquito vector
pathologic changes, 2083
Topoisomerase I
simian virus 40 replicating molecules
binding, 3675
camptothecin treatment, 3675
Topoisomerase II
human cytomegalovirus
replication, 4797
trans-Activating function
equine infectious anemia virus LTR
sequence localization, 120
human T-cell leukemia virus type I
subnuclear localization, 680
trans-Activation-responsive element
human immunodeficiency virus type 1 LTR
mutational analysis, 673
Transformation
ras, *myc*, and *src* oncogenes
rat adrenocortical cells, 4712
Transgenic mice
hepatitis B virus
replication and gene expression, 4144
Transmissible gastroenteritis virus
glycoprotein E1
interferon induction, 8
Type B retrovirus
DMBA-LV LTR U_3 region
alterations, 2985
Type C retroviruses
amber codon suppression
cis-acting mRNA component, 3574
gp90 and gp20 glycosylation pathways
identification, 3167
Tyrosine kinase activity
SH2 domain of Fujinami sarcoma virus $P130^{gag\text{-}fps}$
autophosphorylation site mutagenesis, 2016

UV irradiation
simian virus 40 DNA
growing fork blocks, 4249
single-stranded gaps, 4249

Vaccine strains
poliovirus type 1 Sabin strains 1 and 3
recombination, 2828
Vaccinia virus
bidirectional promoters
plasmid construction, 4832
gene D8
replication, 3772
virion transmembrane protein, 3772
*Hin*dIII I fragment
sequence, 1889
transcriptional analysis, 1889
late gene promoter elements
localization, 297
melanoma-associated antigen p97
characterization, 176
recombination products
delineation, 1046
ribonucleotide reductase
hydroxyurea-resistant mutants, 519
small subunit gene sequence, 519
Vaccinia virus growth factor
biosynthetic pathway
characterization by antipeptide antiserum, 1080
homology with epidermal growth factor, 1080
deletion mutant
replication role, 866
virulence reduction, 866
Vaccinia virus recombinants
β-galactosidase fusion protein
expression, 3855
incorporation of active β-galactosidase, 3855
Hantaan virus glycoproteins
expression, 696
herpes simplex virus type 1 glycoprotein D expression
immunization, 1530
revaccination, 1530
human T-cell leukemia virus type I *env* gene
vaccine development, 4474
nonstructural protein
cytomegalovirus immunity, 1653
parainfluenza virus type 3 glycoproteins
immunization, 1293
patas monkeys, 1293
respiratory syncytial virus F and G glycoproteins
antiserum transfer, 3907
expression, 3907
immune response, 3907
Rift Valley fever virus M segment
Phlebovirus gene expression, 826
Venezuelan equine encephalitis virus
protection of mice, 4697
Vaccinia virus vectors
Escherichia coli gpt gene
dominant selection of recombinants, 1849
vesicular stomatitis virus M gene
expression, 776
Varicella-zoster virus
cytoplasmic vacuoles
envelopment, 2701
glycoprotein trafficking, 2701
DNA-binding protein
identification and characterization, 802
polyclonal antiserum, 802
gpI and gpIV epitopes
monoclonal antibodies, 2544
open reading frame 62
cell line establishment, 2076
"IE"175 protein expression, 2076
R5 direct repeats
strain variation, 2916
repeated sequence in ORF 11
strain variation, 1097
Venezuelan equine encephalitis virus
recombinant vaccinia virus
protection of mice, 4697
Vesicular stomatitis virus
defective interfering particle
large RNA synthesis in vitro, 1795
defective interfering particle interference
replicase specificity, 3614
Sdi^- mutant, 3614
defective interfering particles
autointerference, 1323
delayed formation, 1323
RNA synthesis, 1323
Drosophila melanogaster cells
replication regulation, 277
transcription regulation, 277
glycoprotein G
C-terminal fragments, 2552
leader RNA
adenovirus DNA replication, 1286
M gene
expression in vaccinia virus vectors, 776
site-specific mutants, 3729
M protein
antigenicity, 2569
nuclear localization, 4387
oligopeptide mapping, 2569
N and NS multiple complexes
resolution, 2651
RNA binding, 2658
New Jersey isolates
genetic diversity, 572
nucleocapsid assembly
early steps, 1582
nucleocapsid protein in infected cells
multiple forms, 2799
subviral particles
interferon-treated cells, 641
ribonuclease activity, 641
Visna virus
early transcript
genetic structure and function, 4813
fusion and neutralization epitopes
antigenic variation, 2680
v-*myb* oncogene
avian myeloblastosis virus clones
transformation requirements, 1093
DNA-binding activity
transformation, 4398
VP1 capsid protein
adeno-associated virus
alternate mRNA splicing, 3356
synthesis, 3356
VP1 cleavage
poliovirus type 2
antigenic site 1, 3536
intestinal trypsin, 3536
VP2 and VP3
simian virus 40 late 19S RNAs
synthesis, 944
translation, 944
simian virus 40 late bigenic mRNAs
synthesis, 954
VP7 glycoprotein gene
human rotavirus serotype prediction
nucleotide sequence comparison, 1819
v-*rel* oncogene
transforming protein
localization, 703

Woodchuck hepatitis virus
insulinlike growth factor II
expression, 3422
X-region-specific transcript, 3979

Xenotropic murine leukemia virus
polyclonal immune activators
transcript induction, 3545